TEST REPORT

Applicant:	Shanghai Xiangcheng Communication Technology Co., Ltd
Address:	6th Floor, Building 10, No.3000, Longdong Avenue, Pudong New District, Shanghai, China
Equipment Type:	Portable Data Collection Terminal
Model Name:	D300
Brand Name:	Kobile, Shop2shop, moniepoint, Dejavoo, i-POSPay, WIRELESS& MOBILE, Positivo, IStapel, Kripto, Nextpay
FCC ID:	2A2UU-D300
Test Standard:	47 CFR Part 15 Subpart E (refer to section 3.1)
Sample Arrival Date:	Nov. 07, 2023
Test Date:	Nov. 14, 2023 -Dec. 02, 2023
Date of Issue:	Feb. 28, 2024

ISSUED BY:

Shenzhen BALUN Technology Co., Ltd.

Tested by: Julie zhu **Checked by:** Ye Hongji **Approved by:** Liao Jianming (Technical Director)

Revision History

Version	Issue Date	Revisions
Rev. 01	Feb. 20, 2024	Initial Issue
Rev. 02	Feb. 28, 2024	1. Update the information of the applicant and manufacturer. 2. Update the information of softwar and hardware.

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1 GENERAL INFORMATION

1.1 Test Laboratory

Name	Shenzhen BALUN Technology Co., Ltd.
Address	Block B, 1/F, Baisha Science and Technology Park, Shahe Xi Road, Nanshan District, Shenzhen, Guangdong Province, P. R. China
Phone Number	+86 755 6685 0100

1.2 Test Location

Name	Shenzhen BALUN Technology Co., Ltd.
Location	☑ Block B, 1/F, Baisha Science and Technology Park, Shahe Xi Road, Nanshan District, Shenzhen, Guangdong Province, P. R. China
	☐ 1/F, Building B, Ganghongji High-tech Intelligent Industrial Park, No. 1008, Songbai Road, Yangguang Community, Xili Sub-district, Nanshan District, Shenzhen, Guangdong Province, P. R. China
Accreditation Certificate	The laboratory is a testing organization accredited by FCC as a accredited testing laboratory. The designation number is CN1196.

2 PRODUCT INFORMATION

2.1 Applicant Information

Applicant	Shanghai Xiangcheng Communication Technology Co., Ltd
Address	6th Floor, Building 10, No.3000, Longdong Avenue, Pudong New District, Shanghai, China

2.2 Manufacturer Information

Manufacturer	Shanghai Xiangcheng Communication Technology Co., Ltd
Address	6th Floor, Building 10, No.3000, Longdong Avenue, Pudong New District, Shanghai, China

2.3 General Description for Equipment under Test (EUT)

EUT Name	Portable Data Collection Terminal
Model Name Under Test	D300
Series Model Name	N/A
Description of Model name differentiation	N/A
Hardware Version	P1311_MAIN_PCB_V1.0B
Software Version	P1311_KOZEN_A1B1_20231110
Dimensions (Approx.)	N/A
Weight (Approx.)	N/A

2.4 Technical Information

Network and Wireless connectivity	2G Network GSM/GPRS/EDGE 850/900/1800 MHz 3G Network WCDMA/HSDPA/HSUPA/HSPA+ Band 1/2/4/5/8 4G Network FDD LTE Band 1/3/4/7/12/17/25/26/28 TDD LTE Band 38/41 Bluetooth 5.1 (BR+EDR+BLE) 2.4G WIFI 802.11b, 802.11g, 802.11n(HT20/40) 5G WIFI 802.11a, 802.11n(HT20/40), 802.11ac(VHT20/40/80) U-NII-1/2A/2C/3, GPS, GLONASS, BeiDou Galileo, NFC

The requirement for the following technical information of the EUT was tested in this report:

Frequency Range	U-NII-1: 5150 MHz to 5250 MHz, U-NII-2A: 5250 MHz to 5350 MHz, U-NII-2C: 5470 MHz to 5725 MHz, U-NII-3: 5725 MHz to 5850 MHz
Product Type	☐ Mobile ☒ Portable ☐ Fix Location
Modulation technology	OFDM
Modulation Type	256QAM, 64QAM, 16QAM, BPSK, QPSK
Product Type	Mobile and Portable for FCC standard
Transfer Rate (Mbps) (Single RF path)	802.11a: 54/ 48/ 36/ 24/ 18/ 12/ 9/ 6 Mbps 802.11n: up to 150 Mbps 802.11ac: up to VHT-MCS9
Channel Bandwidth	802.11a: 20 MHz 802.11n: 20 MHz, 40 MHz 802.11ac: 20 MHz, 40 MHz, 80 MHz
Maximum Output Power	U-NII-1: 33.04 mW U-NII-2A: 32.96 mW U-NII-2C: 31.77 mW U-NII-3: 29.79 mW
Antenna System (eg., MIMO, Smart Antenna)	N/A
Categorization as Correlated or Completely Uncorrelated	N/A
Antenna Type	PIFA Antenna
Antenna Gain	U-NII-1: 5150 MHz to 5250 MHz: 3.45 dBi U-NII-2A: 5250 MHz to 5350 MHz: 2.14 dBi U-NII-2C: 5470 MHz to 5725 MHz: 4.91 dBi U-NII-3: 5725 MHz to 5850 MHz: 4.53 dBi
About the Product	The equipment is Portable Data Collection Terminal intended for used with information technology equipment.

2.5 Channel List

20 MHz		40 MHz		80 MHz	
Channel Number	Frequency (MHz)	Channel Number	Frequency (MHz)	Channel Number	Frequency (MHz)
36	**5180**	**38**	**5190**	**42**	**5210**
40	5200	**46**	**5230**	**58**	**5290**
44	**5220**	**54**	**5270**	**106**	**5530**
48	**5240**	**62**	**5310**	122	5610
52	**5260**	**102**	**5510**	**155**	**5775**
56	5280	110	5550		
60	**5300**	118	5590		
64	**5320**	126	5630		
100	**5500**	134	5670		
104	5520	**151**	**5755**		
108	5540	**159**	**5795**		
112	5560				
116	**5580**				
120	5600				
124	5620				
128	5640				
132	5660				
136	5680				
140	**5700**				
149	**5745**				
153	5765				
157	**5785**				
161	5805				
165	**5825**				

The Lowest frequency, the middle frequency and the highest frequency of channel were selected to perform the test, and the selected channel see below:

For 802.11a/n(HT20)/ac(VHT20)

U-NII-1 (5150 - 5250 MHz)			U-NII-2A (5250 - 5350 MHz)		
Channel Number	Channel	Frequency (MHz)	Channel Number	Channel	Frequency (MHz)
36	Low	5180	52	Low	5260
44	Mid	5220	60	Mid	5300
48	High	5240	64	High	5320

U-NII-2C (5470 - 5725 MHz)			U-NII-3 (5725 - 5850 MHz)		
Channel Number	Channel	Frequency (MHz)	Channel Number	Channel	Frequency (MHz)
100	Low	5500	149	Low	5745
116	Mid	5580	157	Mid	5785
140	High	5700	165	High	5825

For 802.11n(HT40)/ac(VHT40)

U-NII-1 (5150 - 5250 MHz)			U-NII-2A (5250 - 5350 MHz)		
Channel Number	Channel	Frequency (MHz)	Channel Number	Channel	Frequency (MHz)
38	Low	5190	54	Low	5270
46	High	5230	62	High	5310

For 802.11ac(VHT80)

U-NII-1 (5150 - 5250 MHz)			U-NII-2A (5250 - 5350 MHz)		
Channel Number	Channel	Frequency (MHz)	Channel Number	Channel	Frequency (MHz)
42	Mid	5210	58	Mid	5290

U-NII-2C (5470 - 5725 MHz)			U-NII-3 (5725 - 5850 MHz)		
Channel Number	Channel	Frequency (MHz)	Channel Number	Channel	Frequency (MHz)
106	Low	5530	155	Mid	5775
122	High	5610			

Note: Preliminary tests were performed in different data rate in above table to find the worst radiated emission. The data rate shown in the table below is the worst-case rate with respect to the specific test item. Investigation has been done on all the possible configurations for searching the worst cases. The following table is a list of the test modes shown in this test report.

Test Items	Mode	Data Rate	Modulation Type	U-NII-1	U-NII-2A	U-NII-2C	U-NII-3
				Channel	Channel	Channel	Channel
RF Output Power	11a	6	BPSK	48/44/36	64/60/52	140/116/100	165/157/149
	11n(20 MHz)	6.5		48/44/36	64/60/52	140/116/100	165/157/149
	11n(40 MHz)	13.5		46/38	62/54	134/118/102	159/151
	11ac(20 MHz)	6.5		48/44/36	64/60/52	140/116/100	165/157/149
	11ac(40 MHz)	13.5		46/38	62/54	134/118/102	159/151
	11ac(80 MHz)	29.3		42	58	122/106	155
Emission Bandwidth & 99% Occupied Bandwidth	11a	6	BPSK	48/44/36	64/60/52	140/116/100	165/157/149
	11n(20 MHz)	6.5		48/44/36	64/60/52	140/116/100	165/157/149
	11n(40 MHz)	13.5		46/38	62/54	134/118/102	159/151
	11ac(20 MHz)	6.5		48/44/36	64/60/52	140/116/100	165/157/149
	11ac(40 MHz)	13.5		46/38	62/54	134/118/102	159/151
	11ac(80 MHz)	29.3		42	58	122/106	155
6 dB bandwidth	11a	6	BPSK	N/A	N/A	N/A	165/157/149
	11n(20 MHz)	6.5		N/A	N/A	N/A	165/157/149
	11n(40 MHz)	13.5		N/A	N/A	N/A	159/151
	11ac(20 MHz)	6.5		N/A	N/A	N/A	165/157/149
	11ac(40 MHz)	13.5		N/A	N/A	N/A	159/151
	11ac(80 MHz)	29.3		N/A	N/A	N/A	155
Power Spectral Density	11a	6	BPSK	48/44/36	64/60/52	140/116/100	165/157/149
	11n(20 MHz)	6.5		48/44/36	64/60/52	140/116/100	165/157/149
	11n(40 MHz)	13.5		46/38	62/54	134/118/102	159/151
	11ac(20 MHz)	6.5		48/44/36	64/60/52	140/116/100	165/157/149
	11ac(40 MHz)	13.5		46/38	62/54	134/118/102	159/151
	11ac(80 MHz)	29.3		42	58	122/106	155
Radiated Spurious Emissions	11a	6	BPSK	48/44/36	64/60/52	140/116/100	165/157/149
	11n(20 MHz)	6.5		48/44/36	64/60/52	140/116/100	165/157/149
	11n(40 MHz)	13.5		46/38	62/54	134/118/102	159/151
	11ac(20 MHz)	6.5		48/44/36	64/60/52	140/116/100	165/157/149
	11ac(40 MHz)	13.5		46/38	62/54	134/118/102	159/151
	11ac(80 MHz)	29.3		42	58	122/106	155
Band Edge (Restricted-band)	11a	6	BPSK	48/36	64/52	140/100	165/149
	11n(20 MHz)	6.5		48/36	64/52	140/100	165/149
	11n(40 MHz)	13.5		46/38	62/54	134/102	159/151
	11ac(20 MHz)	6.5		48/36	64/52	140/100	165/149
	11ac(40 MHz)	13.5		46/38	62/54	134/102	159/151
	11ac(80 MHz)	29.3		42	58	122/106	155

3 SUMMARY OF TEST RESULTS

3.1 Test Standards

No.	Identity	Document Title
1	47 CFR Part 15 Subpart E	Unlicensed National Information Infrastructure Devices
2	KDB Publication 789033 D02v02r01	Guidelines for Compliance Testing of Unlicensed National Information Infrastructure (U-NII) Devices Part 15, Subpart E
3	ANSI C63.10-2013	American National Standard for Testing Unlicensed Wireless Devices

3.2 Test Verdict

No.	Description	FCC Part No.	RSS Part No.	Test Result	Verdict
1	Antenna Requirement	15.203	RSS-247, 6.2	--	Pass[Note1]
2	RF Output Power	15.407(a)	RSS-247, 6.2	ANNEX A.1	Pass
3	Emission Bandwidth & 99% Occupied Bandwidth	15.407(a)	RSS-247, 6.2	ANNEX A.2	Pass
4	6 dB bandwidth	15.407(e)	RSS-247, 6.2	ANNEX A.3	Pass
5	Power Spectral Density	15.407(a)	RSS-247, 6.2	ANNEX A.4	Pass
6	Conducted Emission	15.207	RSS-GEN, 8.8	ANNEX A.5	Pass
7	Radiated Spurious Emissions and Band Edge (Restricted-band)	15.407(b)	RSS-247, 6.2	ANNEX A.6	Pass

Note [1]: The EUT has a permanently and irreplaceable attached antenna, which complies with the requirement FCC 15.203.

Note [2]: Under all normal operating conditions specified in the user manual, frequency stability can keep radiation within the operating frequency band.

4 GENERAL TEST CONFIGURATIONS

4.1 Test Environments

During the measurement, the normal environmental conditions were within the listed ranges:

Relative Humidity	39% to 59%	
Atmospheric Pressure	100 kPa to 102 kPa	
Temperature	NT (Normal Temperature)	+22.6℃ to +25.3℃
	LT (Low Temperature)	-10℃
	HT (High Temperature)	+50℃
Working Voltage of the EUT	NV (Normal Voltage)	3.80 V
	LV (Low Voltage)	3.30 V
	HV (High Voltage)	4.35 V

4.2 Test Equipment List

Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
Spectrum Analyzer	KEYSIGHT	N9020A	MY50330200	2023.05.16	2024.05.15
Power Sensor	KEYSIGHT	U2063XA	MY58000251	2023.07.12	2024.07.11
Spectrum Analyzer	ROHDE&SCHWARZ	FSV-40	101544	2022.12.28	2023.12.27
Spectrum Analyzer	KEYSIGHT	N9020A	MY52510065	2023.09.05	2024.09.04
Signaling Unit	ROHDE&SCHWARZ	CMW500	171150	2023.06.19	2024.06.18
Test Antenna-Horn(1-18 GHz)	SCHWARZBECK	BBHA 9120D	01631	2022.02.03	2025.02.02
Test Antenna-Horn (18-40 GHz)	A-INFO	LB-180400KF	J211060273	2021.07.02	2024.07.01
Anechoic Chamber	RAINFORD	9m*6m*6m	144	2022.02.19	2024.09.03
Amplifier	COM-MV	ZT30-1000M	18110850	2023.09.05	2024.09.04
Amplifier	COM-MV	LSCX_LNA 1-12G-01	180602	2023.09.05	2024.09.04
Amplifier	COM-MV	XKu_LNA7-18G-01	180601	2023.09.05	2024.09.04
Amplifier	COM-MV	KA LNA18 40G-01	18050001	2022.12.07	2023.12.06
EMI Receiver	ROHDE&SCHWARZ	ESRP	101036	2023.09.05	2024.09.04
Test Antenna-Loop	SCHWARZBECK	FMZB 1519	1519-037	2021.04.16	2024.04.15
Anechoic Chamber	EMC Electronic Co., Ltd	20.10*11.60 *7.35m	130	2021.08.15	2024.08.14
Test Antenna-Bi-Log	SCHWARZBECK	VULB 9163	9163-624	2021.08.20	2024.08.19
EMI Receiver	KEYSIGHT	N9038A	MY53220118	2023.09.05	2024.09.04
Anechoic Chamber	RAINFORD	9m*6m*6m	101	2023.03.26	2026.03.03
EMI Receiver	KEYSIGHT	N9010B	MY57110309	2023.09.05	2024.09.04

Description	Manufacturer	Model	Serial No.	Cal. Date	Cal. Due
LISN	SCHWARZBECK	NSLK 8127	8127-687	2023.05.16	2024.05.15
Shielded Enclosure	YiHeng Electronic Co., Ltd	3.5m*3.1m* 2.8m	112	2022.02.19	2025.02.18

4.3 Test Software List

Description	Manufacturer	Software Version	Serial No.	Applicable test Setup
BL410R	BALUN	V2.1.1.488	N/A	The section 4.5.1
BL410E	BALUN	V22.930	N/A	The section 4.5.2&4.5.3&4.5.4&4.5.5

4.4 Measurement Uncertainty

The following measurement uncertainty levels have been estimated for tests performed on the EUT as specified in CISPR 16-4-2.

This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2.

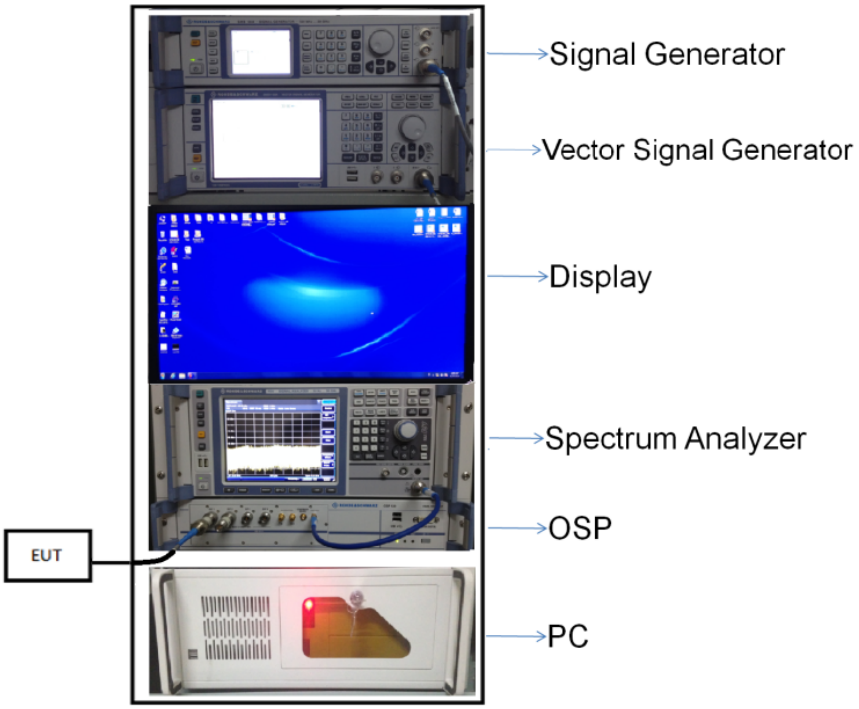
Parameters	Uncertainty
Occupied Channel Bandwidth	2.8%
RF output power, conducted	1.28 dB
Power Spectral Density, conducted	1.30 dB
Unwanted Emissions, conducted	1.84 dB
All emissions, radiated	5.36 dB
Temperature	0.8°C
Humidity	4%

4.5 Description of Test Setup

4.5.1 For Antenna Port Test

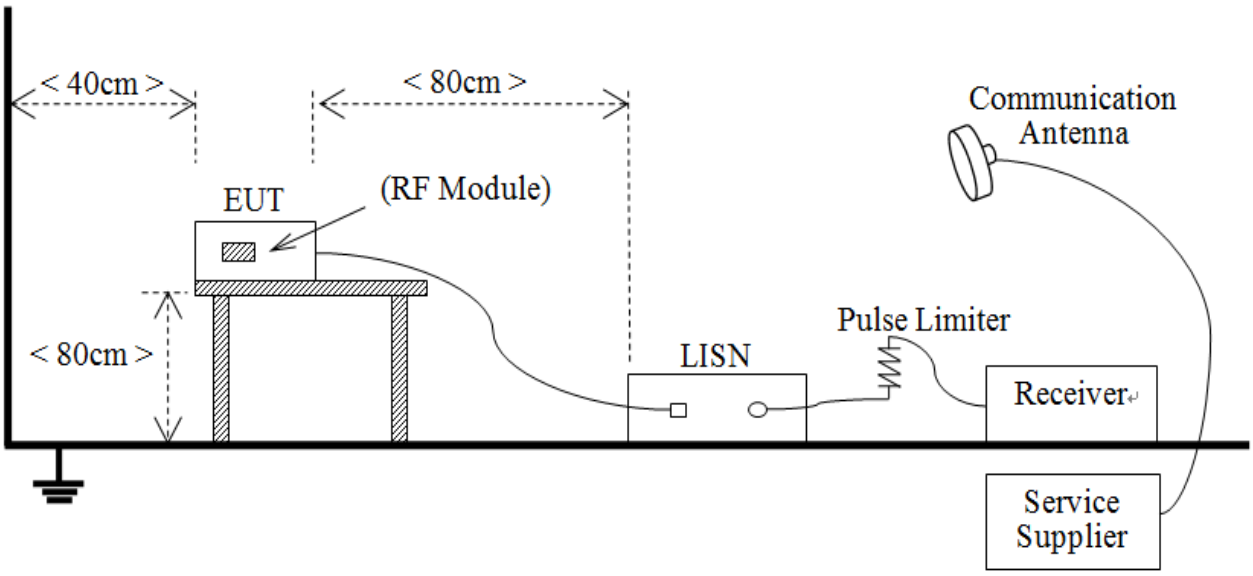
Conducted value (dBm) = Measurement value (dBm) + cable loss (dB)

For example: the measurement value is 10 dBm and the cable 0.5dBm used, then the final result of EUT:
Conducted value (dBm) = 10 dBm + 0.5 dB = 10.5 dBm



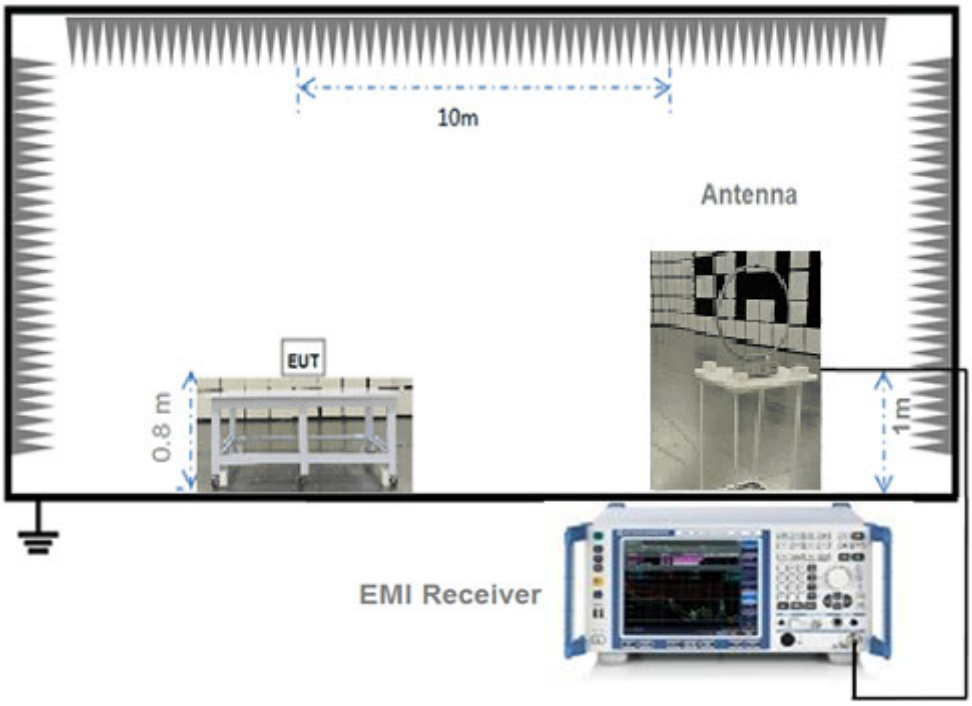
(Diagram 1)

4.5.2For AC Power Supply Port Test



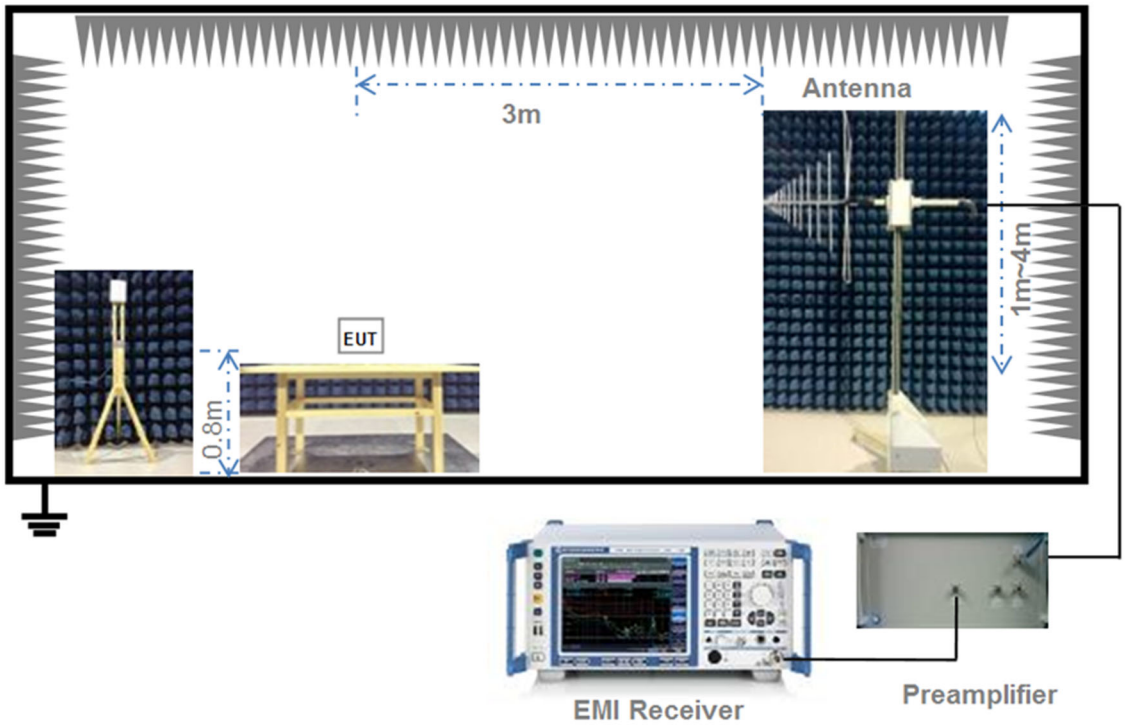
(Diagram 2)

4.5.3For Radiated Test (Below 30 MHz)



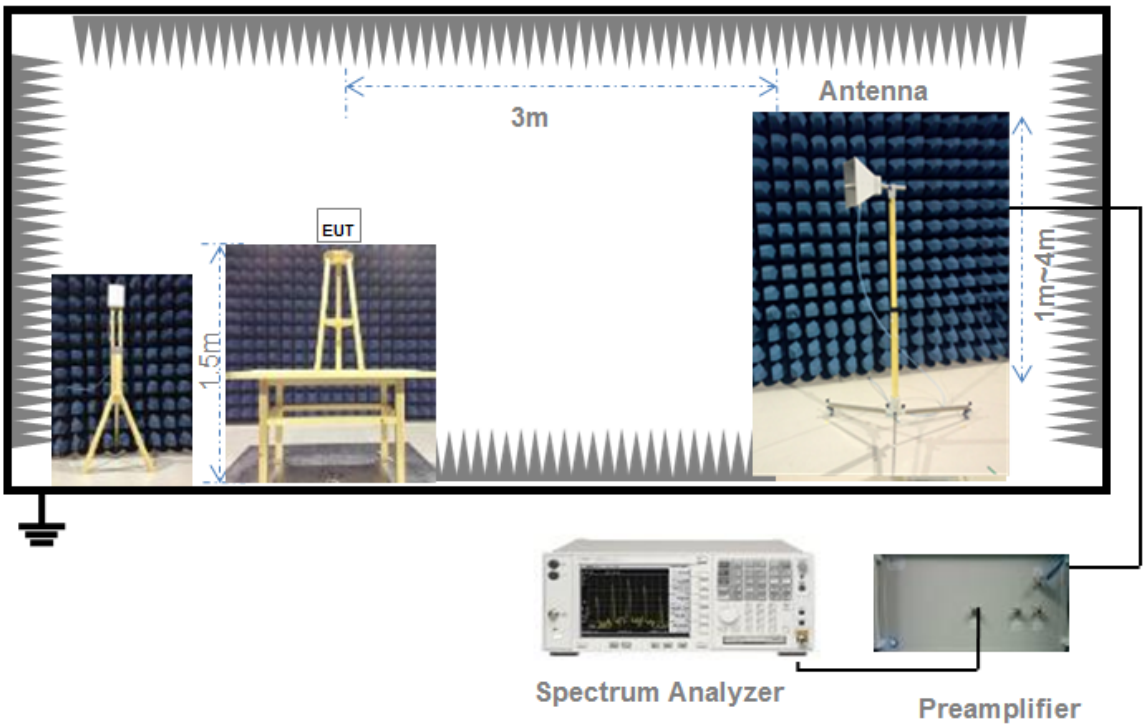
(Diagram 3)

4.5.4 For Radiated Test (30 MHz-1 GHz)



(Diagram 4)

4.5.5 For Radiated Test (Above 1 GHz)



(Diagram 5)

5 TEST ITEMS

5.1 RF Output Power

5.1.1 Test Limit

FCC §15.407(a)

The maximum conducted output power should not exceed:

Frequency Band (MHz)	Limit
5150-5250	250 mW
5250-5350	250 mW or 11 dBm + 10log B, whichever is less.
5470-5725	250 mW or 11 dBm + 10log B, whichever is less.
5725-5850	1 W
Note: Where “B” is the 26 dB emissions bandwidth in MHz.	

5.1.2 Test Setup

The section 4.5.1 (Diagram 1) test setup description was used for this test. The photo of test setup please refer to ANNEX B.

5.1.3 Test Procedure

The maximum peak conducted output power may be measured using a broadband Average RF power meter. The power meter shall have a video bandwidth that is greater than or equal to the emission bandwidth and utilize a fast-responding diode detector.

The E.I.R.P used radiated test method. At a test site that has been validated using the procedures of ANSI C63.4 or the latest CISPR 16-1-4 for measurements above 1 GHz, so as to simulate a near free-space environment.

5.1.4 Test Result

Please refer to ANNEX A.1.

5.2 Emission Bandwidth and 6 dB Bandwidth

5.2.1 Limit

FCC §15.407(a)

Within the 5.725-5.85 GHz band, the minimum 6 dB bandwidth of U-NII devices shall be at least 500 kHz.

5.2.2 Test Setup

The test setup photo please refer to 4.5.1 (Diagram 1) test setup description was used for this test. The photo of test setup please refer to ANNEX B.

5.2.3 Test Procedure

Emission bandwidth

1. Set RBW = approximately 1% of the emission bandwidth.

2. Set VBW ≥ 3*RBW,

3. Detector = Peak.

4. Trace mode = Max hold.

5. Measure the maximum width of the emission that is 26 dB down from the peak of the emission.

Occupied Bandwidth

1. Set Span = 1.5 times to 5.0 times the OBW

2. Set RBW = 1% to 5% of the OBW.

3. Set VBW ≥ 3*RBW, Detector = Peak.

4. Trace mode = Max hold.

5. Use the 99% power bandwidth function of the instrument.

6 dB bandwidth

1. Set RBW = 100 kHz, VBW = 300 kHz.

2. Detector = Peak.Trace mode = Max hold.

3. Allow the trace to stabilize.

4. Measure the maximum width of the emission that is constrained by the frequencies associated with the two outermost amplitude points (upper and lower frequencies) that are attenuated by 6 dB relative to the maximum level measured in the fundamental emission.

5.2.4 Test Result

Please refer to ANNEX A.2 and ANNEX A.3.

5.3 Power Spectral density (PSD)

5.3.1 Limit

FCC §15.407(a)

The maximum power spectral density should not exceed:

Frequency Band (MHz)	Limit
5150-5250	11 dBm/MHz
5250-5350	11 dBm/MHz
5470-5725	11 dBm/MHz
5725-5850	30 dBm/500kHz

5.3.2 Test Setup

The section 4.5.1 (Diagram 1) test setup description was used for this test. The photo of test setup please refer to ANNEX B.

5.3.3 Test Procedure

Set the spectrum analyzer or EMI receiver span to view the entire emission bandwidth.
1. Set RBW = 510 kHz/1 MHz, VBW ≥ 3*RBW, Sweep time = Auto, Detector = RMS.
2. Allow the sweeps to continue until the trace stabilizes.
3. Use the peak marker function to determine the maximum amplitude level.
4. The E.I.R.P spectral density used radiated test method. At a test site that has been validated using the procedures of ANSI C63.4 or the latest CISPR 16-1-4 for measurements above 1 GHz, so as to simulate a near free-space environment.

5.3.4 Test Result

Please refer to ANNEX A.4.

5.4 Conducted Emission

5.4.1 Limit

FCC §15.207

For an intentional radiator that is designed to be connected to the public utility (AC) power line, the radio frequency voltage that is conducted back onto the AC power line on any frequency within the U-NII-150 kHz to 30 MHz shall not exceed the limits in the following table, as measured using a 50μH/50Ω line impedance stabilization network (LISN).

Frequency range (MHz)	Conducted Limit (dBμV)	
	Quai-peak	Average
0.15 - 0.50	66 to 56	56 to 46
0.50 - 5	56	46
0.50 - 30	60	50

5.4.2 Test Setup

The section 4.5.2 (Diagram 2) test setup description was used for this test. The photo of test setup please refer to ANNEX B.

5.4.3 Test Procedure

The maximum conducted interference is searched using Peak (PK), if the emission levels more than the AV and QP limits, and that have narrow margins from the AV and QP limits will be re-measured with AV and QP detectors. Tests for both L phase and N phase lines of the power mains connected to the EUT are performed. Refer to recorded points and plots below.

5.4.4 Test Result

Please refer to ANNEX A.5.

5.5 Radiated Spurious Emissions and Band Edge (Restricted-band)

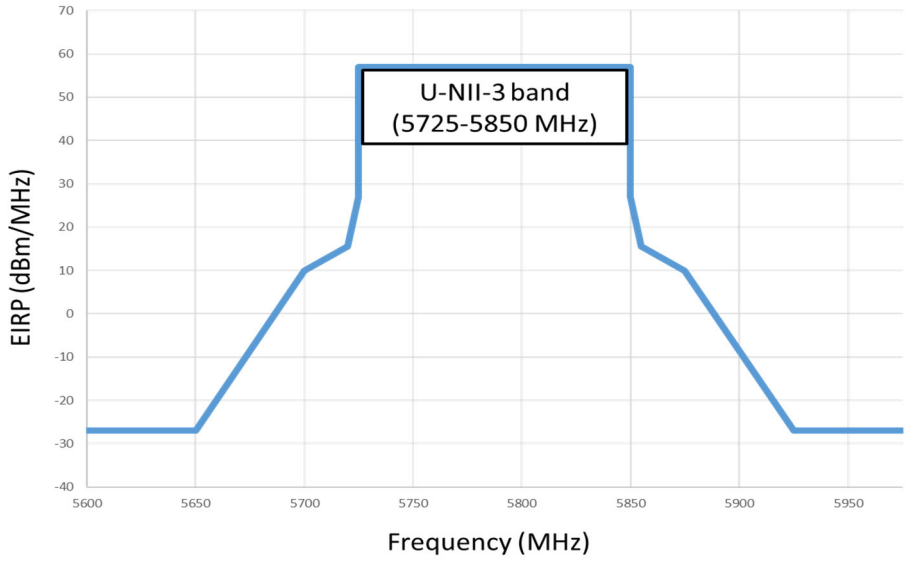
5.5.1 Limit

FCC §15.209 & 15.407(b)

Frequency (MHz)	Field Strength (μV/m)	Measurement Distance (m)
0.009 - 0.490	2400/F(kHz)	300
0.490 - 1.705	24000/F(kHz)	30
1.705 - 30.0	30	30
30 - 88	100	3
88 - 216	150	3
216 - 960	200	3
Above 960	500	3

Note [1]: The Limit for radiated test was performed according to FCC Part 15C

Note [2]: The tighter limit applies at the band edge.

Un-restricted band emissions	
Out Operating Band (MHz)	Limit
5150 - 5250	e.i.r.p. -27 dBm (68.2 dBuV/m@3m)
5250 - 5350	e.i.r.p. -27 dBm (68.2 dBuV/m@3m)
5470 - 5725	e.i.r.p. -27 dBm (68.2 dBuV/m@3m)
5725 - 5850	All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge. 

Note: The following formula is used to convert the equipment isotropic radiated power (eirp) to field strength.

5.5.2 Test Setup

The section 4.5.3-4.5.5 (Diagram 3 - Diagram 5) test setup description was used for this test. The photo of test setup please refer to ANNEX B.

5.5.3 Test Procedure

Since the emission limits are specified in terms of radiated field strength levels, measurements performed to demonstrate compliance have traditionally relied on a radiated test configuration. Radiated measurements remain the principal method for demonstrating compliance to the specified limits; however antenna-port conducted measurements are also now acceptable to demonstrate compliance (see below for details). When radiated measurements are utilized, test site requirements and procedures for maximizing and measuring radiated emissions that are described in ANSI C63.10 shall be followed.

Antenna-port conducted measurements may also be used as an alternative to radiated measurements for demonstrating compliance in the restricted frequency bands. If conducted measurements are performed, then proper impedance matching must be ensured and an additional radiated test for cabinet/case spurious emissions is required.

General Procedure for conducted measurements in restricted bands

a) Measure the conducted output power (in dBm) using the detector specified (see guidance regarding measurement procedures for determining quasi-peak, peak, and average conducted output power, respectively).

b) Add the appropriate maximum ground reflection factor to the EIRP level (6 dB for frequencies ≤ 30 MHz, 4.7 dB for frequencies between 30 MHz and 1000 MHz, inclusive and 0 dB for frequencies > 1000 MHz).

c) For devices with multiple antenna-ports, measure the power of each individual chain and sum the EIRP of all chains in linear terms (e.g., Watts, mW).

d) Convert the resultant EIRP level to an equivalent electric field strength using the following relationship:

E = EIRP – 20log D + 104.8

where:

E = electric field strength in dBμV/m,

EIRP = equivalent isotropic radiated power in dBm

D = specified measurement distance in meters.

e) Compare the resultant electric field strength level to the applicable limit.

f) Perform radiated spurious emission test.

Quasi-Peak measurement procedure

The specifications for measurements using the CISPR quasi-peak detector can be found in Publication 16 of the International Special Committee on Radio Frequency Interference (CISPR) of the International Electrotechnical Commission.

As an alternative to CISPR quasi-peak measurement, compliance can be demonstrated to the applicable

emission limits using a peak detector.

Peak power measurement procedure

Peak emission levels are measured by setting the instrument as follows:

a) RBW = as specified in Table 1.

b) VBW ≥ 3 x RBW.

c) Detector = Peak.

d) Sweep time = auto.

e) Trace mode = max hold.

f) Allow sweeps to continue until the trace stabilizes. (Note that the required measurement time may be longer for low duty cycle applications).

Table 1—RBW as a function of frequency

Frequency	RBW
9-150 kHz	200-300 Hz
0.15-30 MHz	9-10 kHz
30-1000 MHz	100-120 kHz
> 1000 MHz	1 MHz

If the peak-detected amplitude can be shown to comply with the average limit, then it is not necessary to perform a separate average measurement.

Trace averaging across on and off times of the EUT transmissions followed by duty cycle correction

If continuous transmission of the EUT (i.e., duty cycle ≥ 98 percent) cannot be achieved and the duty cycle is constant (i.e., duty cycle variations are less than ± 2 percent), then the following procedure shall be used:

a) The EUT shall be configured to operate at the maximum achievable duty cycle.

b) Measure the duty cycle, x, of the transmitter output signal as described in section 6.0.

c) RBW = 1 MHz (unless otherwise specified).

d) VBW ≥ 3 x RBW.

e) Detector = RMS, if span/(# of points in sweep) ≤ (RBW/2). Satisfying this condition may require increasing the number of points in the sweep or reducing the span. If this condition cannot be satisfied, then the detector mode shall be set to peak.

f) Averaging type = power (i.e., RMS).

1) As an alternative, the detector and averaging type may be set for linear voltage averaging.

2) Some instruments require linear display mode in order to use linear voltage averaging. Log or dB averaging shall not be used.

g) Sweep time = auto.

h) Perform a trace average of at least 100 traces.

i) A correction factor shall be added to the measurement results prior to comparing to the emission limit in order to compute the emission level that would have been measured had the test been performed at 100 percent duty cycle. The correction factor is computed as follows:

1) If power averaging (RMS) mode was used in step f), then the applicable correction factor is 10 log(1/x), where x is the duty cycle.

2) If linear voltage averaging mode was used in step f), then the applicable correction factor is 20 log(1/x), where x is the duty cycle.

3) If a specific emission is demonstrated to be continuous (≥ 98 percent duty cycle) rather than turning on and off with the transmit cycle, then no duty cycle correction is required for that emission.

NOTE: Reduction of the measured emission amplitude levels to account for operational duty factor is not permitted. Compliance is based on emission levels occurring during transmission - not on an average across on and off times of the transmitter.

Determining the applicable transmit antenna gain

A conducted power measurement will determine the maximum output power associated with a restricted band emission; however, in order to determine the associated EIRP level, the gain of the transmitting antenna (in dBi) must be added to the measured output power (in dBm).

Since the out-of-band characteristics of the EUT transmit antenna will often be unknown, the use of a conservative antenna gain value is necessary. Thus, when determining the EIRP based on the measured conducted power, the upper bound on antenna gain for a device with a single RF output shall be selected as the maximum in-band gain of the antenna across all operating bands, or 2 dBi, whichever is greater. However, for devices that operate in multiple frequency bands while using the same transmit antenna, the highest gain of the antenna within the operating band nearest in frequency to the restricted band emission being measured may be used in lieu of the overall highest gain when the emission is at a frequency that is within 20 percent of the nearest band edge frequency, but in no case shall a value less than 2 dBi be used.

See KDB 662911 for guidance on calculating the additional array gain term when determining the effective antenna gain for a EUT with multiple outputs occupying the same or overlapping frequency ranges in the same band.

Radiated spurious emission test

An additional consideration when performing conducted measurements of restricted band emissions is that unwanted emissions radiating from the EUT cabinet, control circuits, power leads, or intermediate circuit elements will likely go undetected in a conducted measurement configuration. To address this concern, a radiated test shall be performed to ensure that emissions emanating from the EUT cabinet (rather than the antenna port) also comply with the applicable limits.

For these cabinet radiated spurious emission measurements the EUT transmit antenna may be replaced with a termination matching the nominal impedance of the antenna. Procedures for performing radiated measurements are specified in ANSI C63.10. All detected emissions shall comply with the applicable limits.

The measurement frequency range is from 30 MHz to the 10th harmonic of the fundamental frequency. The Turn Table is actuated to turn from 0° to 360°, and both horizontal and vertical polarizations of the Test Antenna are used to find the maximum radiated power. Mid channels on all channel bandwidth verified. Only the worst RB size/offset presented.

The power of the EUT transmitting frequency should be ignored.

All Spurious Emission tests were performed in X, Y, Z axis direction. And only the worst axis test condition was recorded in this test report.

Use the following spectrum analyzer settings:

Span = wide enough to fully capture the emission being measured
RBW = 1 MHz for f ≥ 1 GHz, 100 kHz for f < 1 GHz
VBW ≥ RBW
Sweep = auto
Detector function = peak
Trace = max hold

5.5.4 Test Result

Please refer to ANNEX A.6.

ANNEX A TEST RESULT

A.1 RF Output Power

Note [1]: For FCC standard, if transmitting antennas of directional gain greater than 6 dBi are used, all band maximum conducted output power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.

Duty Cycle

Test Mode	On Time (ms)	On+Off time (ms)	Duty Cycle
11a	1.39	1.44	96.66%
11n (HT20)/11ac (VHT20)	1.31	1.36	96.61%
11n (HT40)/11ac (VHT40)	0.65	0.70	93.70%
11ac (VHT80)	0.32	0.37	87.91%

Test Data

Conducted Power

U-NII-1 (5150 - 5250 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH36	15.15	32.73	250	Pass
11a	CH44	15.07	32.14	250	Pass
11a	CH48	14.55	28.51	250	Pass
11n (HT20)	CH36	15.03	31.84	250	Pass
11n (HT20)	CH44	15.01	31.70	250	Pass
11n (HT20)	CH48	15.19	33.04	250	Pass
11n (HT40)	CH38	14.53	28.38	250	Pass
11n (HT40)	CH46	14.32	27.04	250	Pass
11ac (VHT20)	CH36	14.60	28.84	250	Pass
11ac (VHT20)	CH44	14.54	28.44	250	Pass
11ac (VHT20)	CH48	14.60	28.84	250	Pass
11ac (VHT40)	CH38	14.52	28.31	250	Pass
11ac (VHT40)	CH46	14.37	27.35	250	Pass
11ac (VHT80)	CH42	14.27	26.73	250	Pass

U-NII-2A (5250 - 5350 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH52	14.68	29.38	250	Pass
11a	CH60	15.01	31.70	250	Pass
11a	CH64	15.00	31.62	250	Pass
11n (HT20)	CH52	14.61	28.91	250	Pass
11n (HT20)	CH60	14.87	30.69	250	Pass
11n (HT20)	CH64	14.77	29.99	250	Pass
11n (HT40)	CH54	14.97	31.41	250	Pass
11n (HT40)	CH62	15.18	32.96	250	Pass
11ac (VHT20)	CH52	14.52	28.31	250	Pass
11ac (VHT20)	CH60	14.71	29.58	250	Pass
11ac (VHT20)	CH64	14.72	29.65	250	Pass
11ac (VHT40)	CH54	14.50	28.18	250	Pass
11ac (VHT40)	CH62	14.65	29.17	250	Pass
11ac (VHT80)	CH58	14.25	26.61	250	Pass

U-NII-2C (5470 - 5725 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH100	15.02	31.77	250	Pass
11a	CH116	14.71	29.58	250	Pass
11a	CH140	13.95	24.83	250	Pass
11n (HT20)	CH100	14.88	30.76	250	Pass
11n (HT20)	CH116	14.51	28.25	250	Pass
11n (HT20)	CH140	13.78	23.88	250	Pass
11n (HT40)	CH102	13.56	22.70	250	Pass
11n (HT40)	CH118	14.23	26.49	250	Pass
11n (HT40)	CH134	13.79	23.93	250	Pass
11ac (VHT20)	CH100	14.79	30.13	250	Pass
11ac (VHT20)	CH116	14.42	27.67	250	Pass
11ac (VHT20)	CH140	13.74	23.66	250	Pass
11ac (VHT40)	CH102	14.56	28.58	250	Pass
11ac (VHT40)	CH118	14.20	26.30	250	Pass
11ac (VHT40)	CH134	13.86	24.32	250	Pass
11ac (VHT80)	CH106	13.76	23.77	250	Pass
11ac (VHT80)	CH122	13.90	24.55	250	Pass

U-NII-3 (5725 - 5850 MHz)					
Mode	Channel	Conducted Power (dBm)	Conducted Power (mW)	FCC Limit (mW)	Verdict
11a	CH149	14.21	26.36	1000	Pass
11a	CH157	14.18	26.18	1000	Pass
11a	CH165	14.74	29.79	1000	Pass
11n (HT20)	CH149	14.03	25.29	1000	Pass
11n (HT20)	CH157	14.01	25.18	1000	Pass
11n (HT20)	CH165	14.49	28.12	1000	Pass
11n (HT40)	CH151	13.78	23.88	1000	Pass
11n (HT40)	CH159	13.95	24.83	1000	Pass
11ac (VHT20)	CH149	14.01	25.18	1000	Pass
11ac (VHT20)	CH157	14.01	25.18	1000	Pass
11ac (VHT20)	CH165	14.42	27.67	1000	Pass
11ac (VHT40)	CH151	13.76	23.77	1000	Pass
11ac (VHT40)	CH159	13.94	24.77	1000	Pass
11ac (VHT80)	CH155	13.51	22.44	1000	Pass

A.2 Emission Bandwidth & 99% Bandwidth

Note: Test plots please refer to the document “Annex No.: BL-SZ23B0384-604 Data Part 1.pdf”.

Test Data

U-NII-1 (5150 - 5250 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH36	20.15	16.54
11a	CH44	20.06	16.49
11a	CH48	20.11	16.48
11n (HT20)	CH36	20.40	17.62
11n (HT20)	CH44	20.40	17.62
11n (HT20)	CH48	20.42	17.61
11n (HT40)	CH38	40.76	36.11
11n (HT40)	CH46	40.41	36.07
11ac (VHT20)	CH36	20.37	17.59
11ac (VHT20)	CH44	20.38	17.57
11ac (VHT20)	CH48	20.48	17.58
11ac (VHT40)	CH38	40.86	36.03
11ac (VHT40)	CH46	40.70	36.04
11ac (VHT80)	CH42	80.98	75.24

U-NII-2A (5250 - 5350 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH52	20.09	16.50
11a	CH60	20.22	16.50
11a	CH64	20.01	16.49
11n (HT20)	CH52	20.42	17.61
11n (HT20)	CH60	20.47	17.62
11n (HT20)	CH64	20.41	17.61
11n (HT40)	CH54	40.75	36.10
11n (HT40)	CH62	40.61	36.12
11ac (VHT20)	CH52	20.51	17.58
11ac (VHT20)	CH60	20.37	17.58
11ac (VHT20)	CH64	20.41	17.57
11ac (VHT40)	CH54	40.70	36.02
11ac (VHT40)	CH62	40.77	36.06
11ac (VHT80)	CH58	81.24	75.27

U-NII-2C (5470 - 5725 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH100	20.08	16.52
11a	CH116	20.14	16.52
11a	CH140	20.15	16.51
11n (HT20)	CH100	20.39	17.61
11n (HT20)	CH116	20.39	17.63
11n (HT20)	CH140	20.37	17.61
11n (HT40)	CH102	40.80	36.04
11n (HT40)	CH118	40.58	36.11
11n (HT40)	CH134	40.77	36.09
11ac (VHT20)	CH100	20.42	17.58
11ac (VHT20)	CH116	20.37	17.60
11ac (VHT20)	CH140	20.35	17.59
11ac (VHT40)	CH102	40.52	36.01
11ac (VHT40)	CH118	40.73	36.01
11ac (VHT40)	CH134	40.57	36.04
11ac (VHT80)	CH106	81.13	75.23
11ac (VHT80)	CH122	81.10	75.27

U-NII-3 (5725 - 5850 MHz)			
Mode	Channel	26 dB Bandwidth (MHz)	99% Bandwidth (MHz)
11a	CH149	20.10	16.53
11a	CH157	20.11	16.52
11a	CH165	20.15	16.50
11n (HT20)	CH149	20.46	17.61
11n (HT20)	CH157	20.40	17.63
11n (HT20)	CH165	20.31	17.62
11n (HT40)	CH151	40.97	36.12
11n (HT40)	CH159	40.50	36.11
11ac (VHT20)	CH149	20.29	17.57
11ac (VHT20)	CH157	20.44	17.60
11ac (VHT20)	CH165	20.42	17.59
11ac (VHT40)	CH151	40.49	36.04
11ac (VHT40)	CH159	40.63	36.06
11ac (VHT80)	CH155	81.32	75.31

A.3 6 dB Bandwidth

Note: Test plots please refer to the document “Annex No.: BL-SZ23B0384-604 Data Part 2.pdf”.

Test Data

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	6 dB Bandwidth (MHz)	Limit (kHz)	Verdict
11a	CH149	15.25	500.00	Pass
11a	CH157	15.25	500.00	Pass
11a	CH165	15.25	500.00	Pass
11n (HT20)	CH149	15.25	500.00	Pass
11n (HT20)	CH157	15.25	500.00	Pass
11n (HT20)	CH165	15.25	500.00	Pass
11n (HT40)	CH151	35.25	500.00	Pass
11n (HT40)	CH159	35.25	500.00	Pass
11ac (VHT20)	CH149	15.25	500.00	Pass
11ac (VHT20)	CH157	15.25	500.00	Pass
11ac (VHT20)	CH165	15.15	500.00	Pass
11ac (VHT40)	CH151	35.20	500.00	Pass
11ac (VHT40)	CH159	35.25	500.00	Pass
11ac (VHT80)	CH155	75.25	500.00	Pass

A.4 Power Spectral Density

Note [1]: Test plots please refer to the document “Annex No.: BL-SZ23B0384-604 Data Part 3.pdf”.

Test Data

U-NII-1 (5150 - 5250 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH36	4.78	11.00	Pass
11a	CH44	4.05	11.00	Pass
11a	CH48	4.13	11.00	Pass
11n (HT20)	CH36	4.51	11.00	Pass
11n (HT20)	CH44	4.34	11.00	Pass
11n (HT20)	CH48	3.87	11.00	Pass
11n (HT40)	CH38	0.97	11.00	Pass
11n (HT40)	CH46	1.04	11.00	Pass
11ac (VHT20)	CH36	3.95	11.00	Pass
11ac (VHT20)	CH44	3.75	11.00	Pass
11ac (VHT20)	CH48	3.84	11.00	Pass
11ac (VHT40)	CH38	1.08	11.00	Pass
11ac (VHT40)	CH46	0.94	11.00	Pass
11ac (VHT80)	CH42	-2.46	11.00	Pass

U-NII-2A (5250 - 5350 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH52	4.22	11.00	Pass
11a	CH60	4.37	11.00	Pass
11a	CH64	4.44	11.00	Pass
11n (HT20)	CH52	3.85	11.00	Pass
11n (HT20)	CH60	3.99	11.00	Pass
11n (HT20)	CH64	4.11	11.00	Pass
11n (HT40)	CH54	1.31	11.00	Pass
11n (HT40)	CH62	1.50	11.00	Pass
11ac (VHT20)	CH52	3.69	11.00	Pass
11ac (VHT20)	CH60	3.93	11.00	Pass
11ac (VHT20)	CH64	4.13	11.00	Pass
11ac (VHT40)	CH54	0.83	11.00	Pass
11ac (VHT40)	CH62	1.01	11.00	Pass
11ac (VHT80)	CH58	-2.12	11.00	Pass

U-NII-2C (5470 - 5725 MHz)				
Mode	Channel	PSD (dBm/MHz)	Limit (dBm/MHz)	Verdict
11a	CH100	4.61	11.00	Pass
11a	CH116	4.37	11.00	Pass
11a	CH140	3.61	11.00	Pass
11n (HT20)	CH100	4.12	11.00	Pass
11n (HT20)	CH116	3.97	11.00	Pass
11n (HT20)	CH140	3.25	11.00	Pass
11n (HT40)	CH102	0.19	11.00	Pass
11n (HT40)	CH118	0.76	11.00	Pass
11n (HT40)	CH134	0.26	11.00	Pass
11ac (VHT20)	CH100	4.16	11.00	Pass
11ac (VHT20)	CH116	3.99	11.00	Pass
11ac (VHT20)	CH140	3.24	11.00	Pass
11ac (VHT40)	CH102	1.16	11.00	Pass
11ac (VHT40)	CH118	0.79	11.00	Pass
11ac (VHT40)	CH134	0.25	11.00	Pass
11ac (VHT80)	CH106	-2.80	11.00	Pass
11ac (VHT80)	CH122	-2.55	11.00	Pass

U-NII-3 (5725 - 5850 MHz)				
Mode	Channel	PSD (dBm/500kHz)	Limit (dBm/500kHz)	Verdict
11a	CH149	1.01	30.00	Pass
11a	CH157	0.95	30.00	Pass
11a	CH165	1.34	30.00	Pass
11n (HT20)	CH149	0.57	30.00	Pass
11n (HT20)	CH157	0.51	30.00	Pass
11n (HT20)	CH165	0.97	30.00	Pass
11n (HT40)	CH151	-2.55	30.00	Pass
11n (HT40)	CH159	-2.48	30.00	Pass
11ac (VHT20)	CH149	0.51	30.00	Pass
11ac (VHT20)	CH157	0.42	30.00	Pass
11ac (VHT20)	CH165	1.02	30.00	Pass
11ac (VHT40)	CH151	-2.52	30.00	Pass
11ac (VHT40)	CH159	-2.39	30.00	Pass
11ac (VHT80)	CH155	-5.70	30.00	Pass

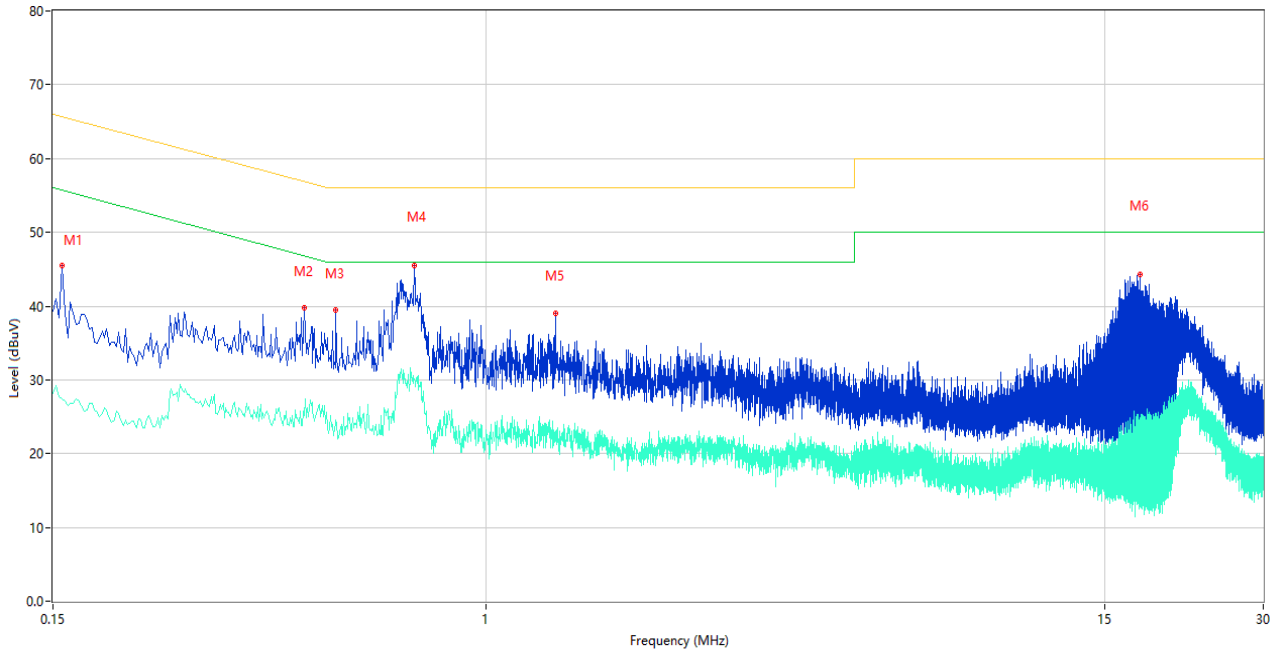
A.5 Conducted Emissions

Note [1]: The EUT is working in the Normal link mode. All modes have been tested and normal link mode is worst.

Note [2]: Devices subject to Part 15 must be tested for all available U.S. voltages and frequencies (such as a nominal 120 VAC, 60 Hz and 240 VAC, 50 Hz) for which the device is capable of operation. So, The configuration 120 VAC, 60 Hz and 240 VAC, 50 Hz were tested respectively, but only the worst configuration (120 VAC, 60 Hz) shown here.

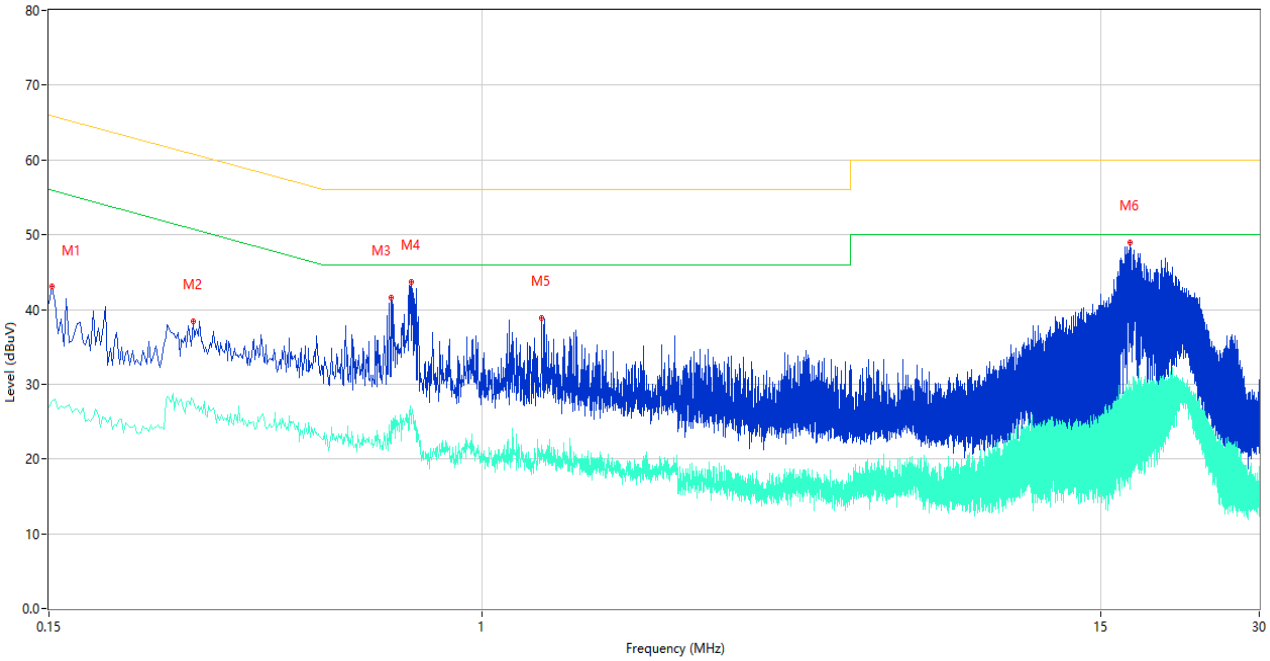
Test Data and Plots

PHASE L



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.156	45.51	9.46	65.67	20.16	Peak	L	Pass
1**	0.156	27.39	9.46	55.67	28.28	AV	L	Pass
2	0.450	39.78	9.93	56.88	17.10	Peak	L	Pass
2**	0.450	25.16	9.93	46.88	21.72	AV	L	Pass
3	0.518	39.42	9.73	56.00	16.58	Peak	L	Pass
3**	0.518	24.56	9.73	46.00	21.44	AV	L	Pass
4	0.730	45.49	9.64	56.00	10.51	Peak	L	Pass
4**	0.730	30.07	9.64	46.00	15.93	AV	L	Pass
5	1.352	39.07	9.79	56.00	16.93	Peak	L	Pass
5**	1.352	23.08	9.79	46.00	22.92	AV	L	Pass
6	17.498	44.29	7.42	60.00	15.71	Peak	L	Pass
6**	17.498	24.71	7.42	50.00	25.29	AV	L	Pass

PHASE N



No.	Frequency (MHz)	Results (dBuV)	Factor (dB)	Limit (dBuV)	Margin (dB)	Detector	Line	Verdict
1	0.152	43.15	9.47	65.89	22.74	Peak	N	Pass
1**	0.152	27.67	9.47	55.89	28.22	AV	N	Pass
2	0.282	38.46	9.43	60.76	22.30	Peak	N	Pass
2**	0.282	27.84	9.43	50.76	22.92	AV	N	Pass
3	0.670	41.64	9.82	56.00	14.36	Peak	N	Pass
3**	0.670	25.13	9.82	46.00	20.87	AV	N	Pass
4	0.734	43.67	9.58	56.00	12.33	Peak	N	Pass
4**	0.734	25.53	9.58	46.00	20.47	AV	N	Pass
5	1.296	38.90	9.75	56.00	17.10	Peak	N	Pass
5**	1.296	21.85	9.75	46.00	24.15	AV	N	Pass
6	17.062	48.96	7.42	60.00	11.04	Peak	N	Pass
6**	17.062	26.47	7.42	50.00	23.53	AV	N	Pass

A.6 Radiated Spurious Emissions and Band Edge (Restricted-band)

Note [1]: The symbol of "--" in the table which means not application.

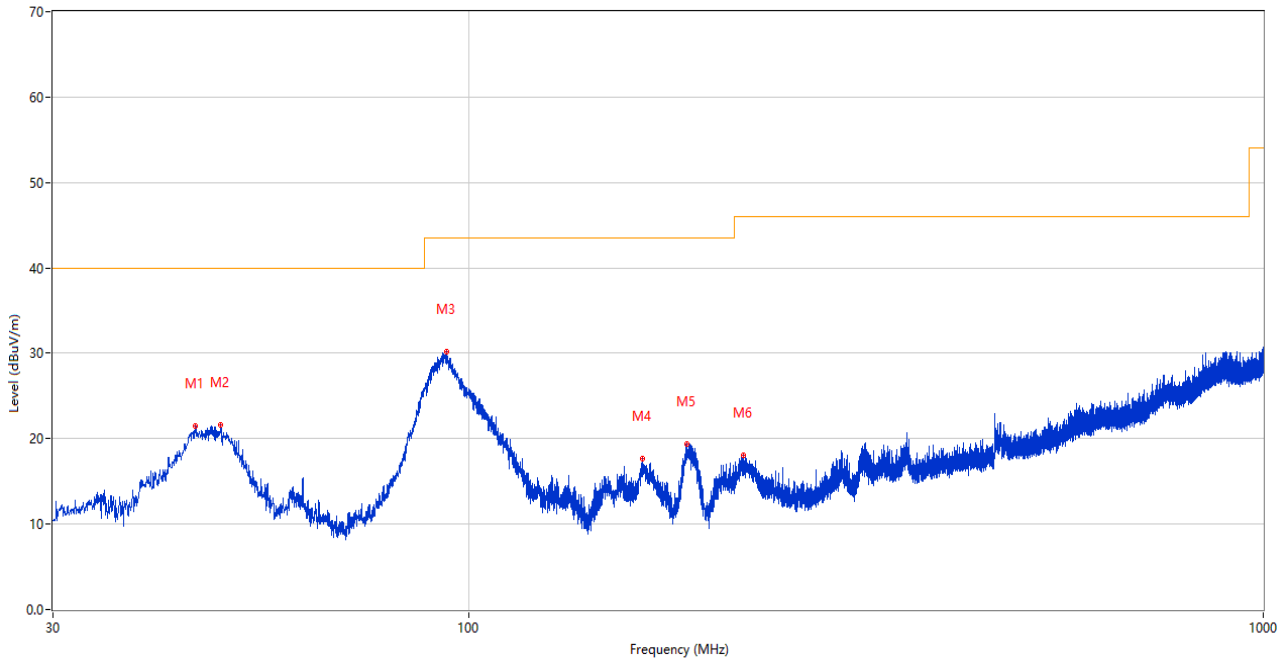
Note [2]: For the test data above 1 GHz， According the ANSI C63.4, where limits are specified for both average and peak (or quasi-peak) detector functions, if the peak (or quasi-peak) measured value complies with the average limit, it is unnecessary to perform an average measurement.

Note [3]: The low frequency, which started from 9 kHz to 30 MHz, was pre-scanned and the result which was 20 dB lower than the limit line per 15.31(o) was not reported.

Note [4]: The EUT is working in the Normal link mode below 1 GHz. All modes have been tested and normal link mode is worst.

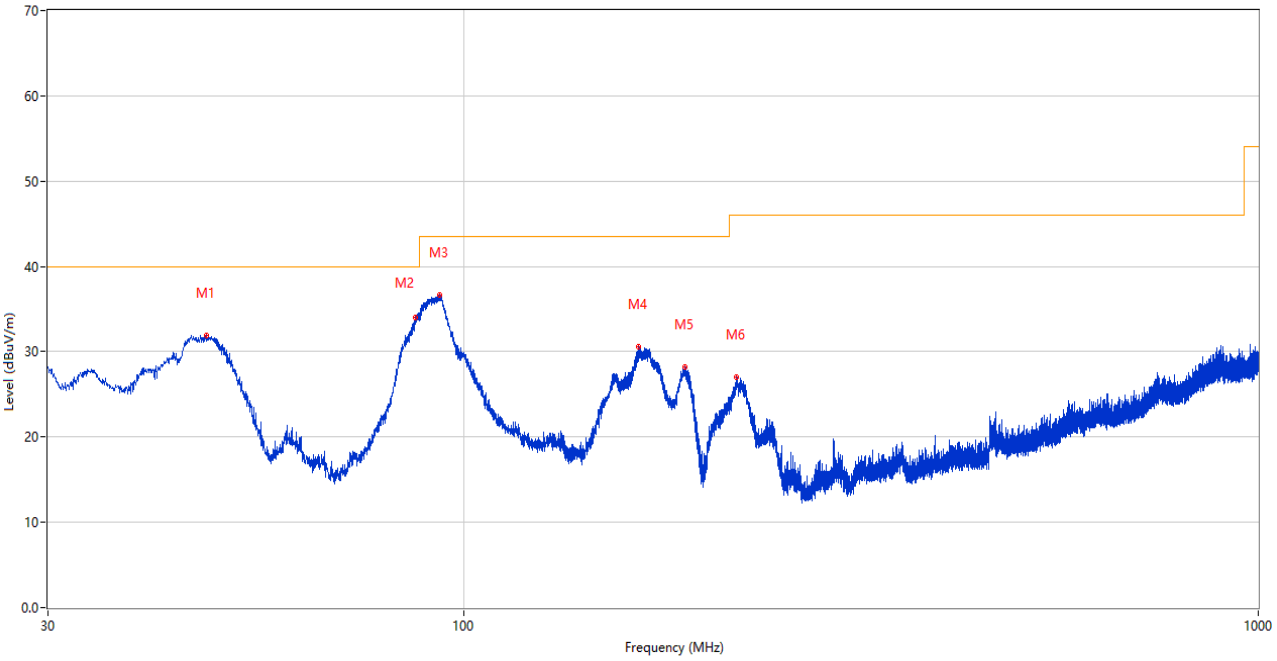
Test Data and Plots

30 MHz to 1 GHz, ANT H



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	45.374	21.49	-25.74	40.0	18.51	Peak	47.00	100	Horizontal	Pass
2	48.818	21.60	-25.21	40.0	18.40	Peak	314.00	100	Horizontal	Pass
3	93.923	30.15	-27.70	43.5	13.35	Peak	149.00	200	Horizontal	Pass
4	165.315	17.65	-29.24	43.5	25.85	Peak	273.00	100	Horizontal	Pass
5	188.207	19.44	-27.31	43.5	24.06	Peak	228.00	200	Horizontal	Pass
6	222.060	18.12	-25.82	46.0	27.88	Peak	263.00	200	Horizontal	Pass

30 MHz to 1 GHz, ANT V



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	47.460	31.94	-25.41	40.0	8.06	Peak	1.00	100	Vertical	Pass
2	87.085	34.08	-30.10	40.0	5.92	Peak	132.00	100	Vertical	Pass
3	93.438	36.71	-27.81	43.5	6.79	Peak	114.00	100	Vertical	Pass
4	166.236	30.63	-29.20	43.5	12.87	Peak	304.00	100	Vertical	Pass
5	190.001	28.22	-26.94	43.5	15.28	Peak	253.00	100	Vertical	Pass
6	220.314	26.96	-25.81	46.0	19.04	Peak	247.00	100	Vertical	Pass

Note: The spurious above 18G is noise only, do not show on the report.

11a, U-NII-1, 1 GHz to 18 GHz, Low Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1546.800	38.57	-17.39	74.0	35.43	Peak	256.00	400	Horizontal	Pass
1**	1546.800	28.89	-17.39	54.0	25.11	AV	256.00	400	Horizontal	Pass
2	4388.400	49.60	-4.69	74.0	24.40	Peak	0.00	100	Horizontal	Pass
2**	4388.400	40.41	-4.69	54.0	13.59	AV	0.00	100	Horizontal	Pass
3	5181.200	104.28	-2.57	--	--	Peak	213.00	100	Horizontal	N/A
3**	5181.200	96.47	-2.57	--	--	AV	213.00	100	Horizontal	N/A
4	7721.625	49.77	-2.89	74.0	24.23	Peak	316.00	200	Horizontal	Pass
4**	7721.625	39.34	-2.89	54.0	14.66	AV	316.00	200	Horizontal	Pass
5	11648.012	53.42	-0.18	74.0	20.58	Peak	0.00	100	Horizontal	Pass
5**	11648.012	42.56	-0.18	54.0	11.44	AV	0.00	100	Horizontal	Pass
6	15541.425	56.55	0.64	74.0	17.45	Peak	360.00	400	Horizontal	Pass
6**	15541.425	47.08	0.64	54.0	6.92	AV	360.00	400	Horizontal	Pass

11a, U-NII-1, 1 GHz to 18 GHz, Low Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1457.100	38.46	-17.66	74.0	35.54	Peak	110.00	100	Vertical	Pass
1**	1457.100	29.71	-17.66	54.0	24.29	AV	110.00	100	Vertical	Pass
2	4355.800	49.94	-3.93	74.0	24.06	Peak	120.00	400	Vertical	Pass
2**	4355.800	40.77	-3.93	54.0	13.23	AV	120.00	400	Vertical	Pass
3	5179.000	107.09	-2.64	--	--	Peak	233.00	200	Vertical	N/A
3**	5179.000	100.16	-2.64	--	--	AV	233.00	200	Vertical	N/A
4	7405.950	49.55	-3.96	74.0	24.45	Peak	142.00	300	Vertical	Pass
4**	7405.950	40.39	-3.96	54.0	13.61	AV	142.00	300	Vertical	Pass
5	12284.826	53.68	1.78	74.0	20.32	Peak	159.00	100	Vertical	Pass
5**	12284.826	43.84	1.78	54.0	10.16	AV	159.00	100	Vertical	Pass
6	15545.888	57.57	0.67	74.0	16.43	Peak	270.00	200	Vertical	Pass
6**	15545.888	46.93	0.67	54.0	7.07	AV	270.00	200	Vertical	Pass

11a, U-NII-1, 1 GHz to 18 GHz, Middle Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1574.600	38.52	-17.59	74.0	35.48	Peak	272.00	200	Horizontal	Pass
1**	1574.600	29.64	-17.59	54.0	24.36	AV	272.00	200	Horizontal	Pass
2	4386.200	49.65	-4.68	74.0	24.35	Peak	314.00	100	Horizontal	Pass
2**	4386.200	40.16	-4.68	54.0	13.84	AV	314.00	100	Horizontal	Pass
3	5221.600	104.28	-2.76	--	--	Peak	211.00	100	Horizontal	N/A
3**	5221.600	97.06	-2.76	--	--	AV	211.00	100	Horizontal	N/A
4	7624.737	49.68	-3.27	74.0	24.32	Peak	78.00	100	Horizontal	Pass
4**	7624.737	39.43	-3.27	54.0	14.57	AV	78.00	100	Horizontal	Pass
5	12226.750	53.07	1.31	74.0	20.93	Peak	316.00	200	Horizontal	Pass
5**	12226.750	44.30	1.31	54.0	9.70	AV	316.00	200	Horizontal	Pass
6	15657.975	55.98	1.24	74.0	18.02	Peak	253.00	150	Horizontal	Pass
6**	15657.975	51.78	1.24	54.0	2.22	AV	253.00	150	Horizontal	Pass

11a, U-NII-1, 1 GHz to 18 GHz, Middle Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1437.500	38.83	-17.47	74.0	35.17	Peak	74.00	100	Vertical	Pass
1**	1437.500	29.29	-17.47	54.0	24.71	AV	74.00	100	Vertical	Pass
2	4195.800	50.26	-4.66	74.0	23.74	Peak	128.00	200	Vertical	Pass
2**	4195.800	41.11	-4.66	54.0	12.89	AV	128.00	200	Vertical	Pass
3	5218.600	107.40	-2.65	--	--	Peak	230.00	100	Vertical	N/A
3**	5218.600	99.21	-2.65	--	--	AV	230.00	100	Vertical	N/A
4	7683.962	50.00	-2.34	74.0	24.00	Peak	360.00	100	Vertical	Pass
4**	7683.962	40.49	-2.34	54.0	13.51	AV	360.00	100	Vertical	Pass
5	12081.275	53.04	0.58	74.0	20.96	Peak	0.00	100	Vertical	Pass
5**	12081.275	43.12	0.58	54.0	10.88	AV	0.00	100	Vertical	Pass
6	15659.813	56.79	1.27	74.0	17.21	Peak	270.00	150	Vertical	Pass
6**	15659.813	51.52	1.27	54.0	2.48	AV	270.00	150	Vertical	Pass

11a, U-NII-1, 1 GHz to 18 GHz, High Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1438.100	38.29	-17.48	74.0	35.71	Peak	166.00	100	Horizontal	Pass
1**	1438.100	28.96	-17.48	54.0	25.04	AV	166.00	100	Horizontal	Pass
2	4216.600	49.65	-5.00	74.0	24.35	Peak	139.00	100	Horizontal	Pass
2**	4216.600	39.97	-5.00	54.0	14.03	AV	139.00	100	Horizontal	Pass
3	5242.600	105.29	-2.19	--	--	Peak	221.00	100	Horizontal	N/A
3**	5242.600	96.79	-2.19	--	--	AV	221.00	100	Horizontal	N/A
4	7387.837	49.66	-3.75	74.0	24.34	Peak	108.00	300	Horizontal	Pass
4**	7387.837	40.06	-3.75	54.0	13.94	AV	108.00	300	Horizontal	Pass
5	12428.287	53.59	1.51	74.0	20.41	Peak	0.00	150	Horizontal	Pass
5**	12428.287	43.68	1.51	54.0	10.32	AV	0.00	150	Horizontal	Pass
6	15718.612	56.48	0.47	74.0	17.52	Peak	343.00	150	Horizontal	Pass
6**	15718.612	51.12	0.47	54.0	2.88	AV	343.00	150	Horizontal	Pass

11a, U-NII-1, 1 GHz to 18 GHz, High Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1453.700	39.08	-17.56	74.0	34.92	Peak	276.00	200	Vertical	Pass
1**	1453.700	28.29	-17.56	54.0	25.71	AV	276.00	200	Vertical	Pass
2	4352.200	49.57	-3.59	74.0	24.43	Peak	48.00	300	Vertical	Pass
2**	4352.200	41.06	-3.59	54.0	12.94	AV	48.00	300	Vertical	Pass
3	5238.400	106.54	-2.26	--	--	Peak	233.00	200	Vertical	N/A
3**	5238.400	99.63	-2.26	--	--	AV	233.00	200	Vertical	N/A
4	7451.950	49.71	-3.73	74.0	24.29	Peak	23.00	200	Vertical	Pass
4**	7451.950	40.45	-3.73	54.0	13.55	AV	23.00	200	Vertical	Pass
5	11503.400	53.31	-0.04	74.0	20.69	Peak	23.00	100	Vertical	Pass
5**	11503.400	43.21	-0.04	54.0	10.79	AV	23.00	100	Vertical	Pass
6	15723.076	55.33	0.53	74.0	18.67	Peak	272.00	150	Vertical	Pass
6**	15723.076	51.02	0.53	54.0	2.98	AV	272.00	150	Vertical	Pass

11n20, U-NII-1, 1 GHz to 18 GHz, Low Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1610.300	38.12	-17.70	74.0	35.88	Peak	80.00	200	Horizontal	Pass
1**	1610.300	28.74	-17.70	54.0	25.26	AV	80.00	200	Horizontal	Pass
2	4196.200	49.58	-4.68	74.0	24.42	Peak	57.00	400	Horizontal	Pass
2**	4196.200	40.09	-4.68	54.0	13.91	AV	57.00	400	Horizontal	Pass
3	5181.000	103.92	-2.57	--	--	Peak	220.00	100	Horizontal	N/A
3**	5181.000	96.23	-2.57	--	--	AV	220.00	100	Horizontal	N/A
4	7681.950	49.91	-2.35	74.0	24.09	Peak	360.00	300	Horizontal	Pass
4**	7681.950	40.54	-2.35	54.0	13.46	AV	360.00	300	Horizontal	Pass
5	12237.963	53.24	1.10	74.0	20.76	Peak	300.00	150	Horizontal	Pass
5**	12237.963	43.30	1.10	54.0	10.70	AV	300.00	150	Horizontal	Pass
6	15547.201	56.41	0.71	74.0	17.59	Peak	342.00	400	Horizontal	Pass
6**	15547.201	46.40	0.71	54.0	7.60	AV	342.00	400	Horizontal	Pass

11n20, U-NII-1, 1 GHz to 18 GHz, Low Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1602.100	38.63	-17.78	74.0	35.37	Peak	39.00	400	Vertical	Pass
1**	1602.100	29.70	-17.78	54.0	24.30	AV	39.00	400	Vertical	Pass
2	4352.800	49.45	-3.66	74.0	24.55	Peak	150.00	300	Vertical	Pass
2**	4352.800	40.47	-3.66	54.0	13.53	AV	150.00	300	Vertical	Pass
3	5181.400	106.30	-2.58	--	--	Peak	234.00	200	Vertical	N/A
3**	5181.400	98.80	-2.58	--	--	AV	234.00	200	Vertical	N/A
4	7348.450	49.95	-3.15	74.0	24.05	Peak	157.00	200	Vertical	Pass
4**	7348.450	41.54	-3.15	54.0	12.46	AV	157.00	200	Vertical	Pass
5	12077.825	53.28	0.62	74.0	20.72	Peak	190.00	200	Vertical	Pass
5**	12077.825	43.35	0.62	54.0	10.65	AV	190.00	200	Vertical	Pass
6	16035.188	55.83	0.76	74.0	18.17	Peak	345.00	100	Vertical	Pass
6**	16035.188	46.46	0.76	54.0	7.54	AV	345.00	100	Vertical	Pass

11n20, U-NII-1, 1 GHz to 18 GHz, Middle Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1466.300	38.60	-17.53	74.0	35.40	Peak	234.00	200	Horizontal	Pass
1**	1466.300	28.51	-17.53	54.0	25.49	AV	234.00	200	Horizontal	Pass
2	4368.600	49.60	-4.52	74.0	24.40	Peak	261.00	300	Horizontal	Pass
2**	4368.600	40.94	-4.52	54.0	13.06	AV	261.00	300	Horizontal	Pass
3	5223.000	104.37	-2.67	--	--	Peak	219.00	150	Horizontal	N/A
3**	5223.000	96.25	-2.67	--	--	AV	219.00	150	Horizontal	N/A
4	7348.163	49.99	-3.15	74.0	24.01	Peak	28.00	400	Horizontal	Pass
4**	7348.163	40.82	-3.15	54.0	13.18	AV	28.00	400	Horizontal	Pass
5	12223.300	52.87	1.28	74.0	21.13	Peak	28.00	150	Horizontal	Pass
5**	12223.300	43.67	1.28	54.0	10.33	AV	28.00	150	Horizontal	Pass
6	15657.713	57.77	1.23	74.0	16.23	Peak	272.00	150	Horizontal	Pass
6**	15657.713	50.77	1.23	54.0	3.23	AV	272.00	150	Horizontal	Pass

11n20, U-NII-1, 1 GHz to 18 GHz, Middle Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1470.800	38.45	-17.43	74.0	35.55	Peak	73.00	100	Vertical	Pass
1**	1470.800	29.08	-17.43	54.0	24.92	AV	73.00	100	Vertical	Pass
2	4100.400	48.86	-5.33	74.0	25.14	Peak	108.00	200	Vertical	Pass
2**	4100.400	39.64	-5.33	54.0	14.36	AV	108.00	200	Vertical	Pass
3	5218.400	107.09	-2.65	--	--	Peak	232.00	150	Vertical	N/A
3**	5218.400	99.46	-2.65	--	--	AV	232.00	150	Vertical	N/A
4	7351.612	49.20	-3.48	74.0	24.80	Peak	94.00	200	Vertical	Pass
4**	7351.612	40.24	-3.48	54.0	13.76	AV	94.00	200	Vertical	Pass
5	12227.037	53.47	1.31	74.0	20.53	Peak	332.00	200	Vertical	Pass
5**	12227.037	44.53	1.31	54.0	9.47	AV	332.00	200	Vertical	Pass
6	15657.975	56.47	1.24	74.0	17.53	Peak	221.00	150	Vertical	Pass
6**	15657.975	51.13	1.24	54.0	2.87	AV	221.00	150	Vertical	Pass

11n20, U-NII-1, 1 GHz to 18 GHz, High Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1544.600	38.52	-17.30	74.0	35.48	Peak	354.00	200	Horizontal	Pass
1**	1544.600	29.10	-17.30	54.0	24.90	AV	354.00	200	Horizontal	Pass
2	4346.400	49.36	-4.04	74.0	24.64	Peak	0.00	300	Horizontal	Pass
2**	4346.400	39.79	-4.04	54.0	14.21	AV	0.00	300	Horizontal	Pass
3	5238.800	104.11	-2.26	--	--	Peak	201.00	200	Horizontal	N/A
3**	5238.800	96.78	-2.26	--	--	AV	201.00	200	Horizontal	N/A
4	7307.050	49.65	-2.84	74.0	24.35	Peak	0.00	200	Horizontal	Pass
4**	7307.050	39.74	-2.84	54.0	14.26	AV	0.00	200	Horizontal	Pass
5	12308.400	53.09	1.38	74.0	20.91	Peak	0.00	150	Horizontal	Pass
5**	12308.400	44.05	1.38	54.0	9.95	AV	0.00	150	Horizontal	Pass
6	15723.076	55.52	0.53	74.0	18.48	Peak	270.00	150	Horizontal	Pass
6**	15723.076	50.64	0.53	54.0	3.36	AV	270.00	150	Horizontal	Pass

11n20, U-NII-1, 1 GHz to 18 GHz, High Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1526.600	38.63	-17.44	74.0	35.37	Peak	185.00	400	Vertical	Pass
1**	1526.600	29.04	-17.44	54.0	24.96	AV	185.00	400	Vertical	Pass
2	4278.600	49.55	-4.48	74.0	24.45	Peak	203.00	100	Vertical	Pass
2**	4278.600	40.82	-4.48	54.0	13.18	AV	203.00	100	Vertical	Pass
3	5242.600	106.19	-2.19	--	--	Peak	224.00	200	Vertical	N/A
3**	5242.600	98.29	-2.19	--	--	AV	224.00	200	Vertical	N/A
4	7355.925	49.59	-3.51	74.0	24.41	Peak	64.00	100	Vertical	Pass
4**	7355.925	39.99	-3.51	54.0	14.01	AV	64.00	100	Vertical	Pass
5	12405.576	53.34	1.48	74.0	20.66	Peak	127.00	200	Vertical	Pass
5**	12405.576	43.25	1.48	54.0	10.75	AV	127.00	200	Vertical	Pass
6	15711.263	60.49	0.58	74.0	13.51	Peak	272.00	300	Vertical	Pass
6**	15711.263	47.19	0.58	54.0	6.81	AV	272.00	300	Vertical	Pass

11n40, U-NII-1, 1 GHz to 18 GHz, Low Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1499.800	38.83	-17.49	74.0	35.17	Peak	93.00	300	Horizontal	Pass
1**	1499.800	28.88	-17.49	54.0	25.12	AV	93.00	300	Horizontal	Pass
2	4372.400	49.43	-4.43	74.0	24.57	Peak	144.00	200	Horizontal	Pass
2**	4372.400	40.10	-4.43	54.0	13.90	AV	144.00	200	Horizontal	Pass
3	5192.600	101.46	-2.80	--	--	Peak	216.00	100	Horizontal	N/A
3**	5192.600	94.14	-2.80	--	--	AV	216.00	100	Horizontal	N/A
4	7360.237	49.95	-3.77	74.0	24.05	Peak	95.00	300	Horizontal	Pass
4**	7360.237	40.75	-3.77	54.0	13.25	AV	95.00	300	Horizontal	Pass
5	11626.450	53.33	-0.15	74.0	20.67	Peak	143.00	200	Horizontal	Pass
5**	11626.450	43.98	-0.15	54.0	10.02	AV	143.00	200	Horizontal	Pass
6	15565.312	55.96	1.35	74.0	18.04	Peak	343.00	100	Horizontal	Pass
6**	15565.312	47.56	1.35	54.0	6.44	AV	343.00	100	Horizontal	Pass

11n40, U-NII-1, 1 GHz to 18 GHz, Low Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1459.400	38.64	-17.62	74.0	35.36	Peak	262.00	400	Vertical	Pass
1**	1459.400	28.51	-17.62	54.0	25.49	AV	262.00	400	Vertical	Pass
2	4374.600	49.65	-4.74	74.0	24.35	Peak	305.00	200	Vertical	Pass
2**	4374.600	40.05	-4.74	54.0	13.95	AV	305.00	200	Vertical	Pass
3	5191.600	103.78	-2.69	--	--	Peak	233.00	100	Vertical	N/A
3**	5191.600	96.36	-2.69	--	--	AV	233.00	100	Vertical	N/A
4	7393.587	50.61	-3.80	74.0	23.39	Peak	300.00	400	Vertical	Pass
4**	7393.587	40.37	-3.80	54.0	13.63	AV	300.00	400	Vertical	Pass
5	12008.537	53.04	1.21	74.0	20.96	Peak	348.00	100	Vertical	Pass
5**	12008.537	42.52	1.21	54.0	11.48	AV	348.00	100	Vertical	Pass
6	16087.950	56.20	1.47	74.0	17.80	Peak	216.00	100	Vertical	Pass
6**	16087.950	47.08	1.47	54.0	6.92	AV	216.00	100	Vertical	Pass

11n40, U-NII-1, 1 GHz to 18 GHz, High Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1553.000	38.60	-17.35	74.0	35.40	Peak	290.00	200	Horizontal	Pass
1**	1553.000	29.26	-17.35	54.0	24.74	AV	290.00	200	Horizontal	Pass
2	4352.600	49.42	-3.64	74.0	24.58	Peak	328.00	100	Horizontal	Pass
2**	4352.600	41.89	-3.64	54.0	12.11	AV	328.00	100	Horizontal	Pass
3	5228.200	100.91	-2.48	--	--	Peak	217.00	200	Horizontal	N/A
3**	5228.200	93.52	-2.48	--	--	AV	217.00	200	Horizontal	N/A
4	7349.025	49.95	-3.21	74.0	24.05	Peak	78.00	300	Horizontal	Pass
4**	7349.025	41.40	-3.21	54.0	12.60	AV	78.00	300	Horizontal	Pass
5	12251.187	53.72	0.96	74.0	20.28	Peak	360.00	150	Horizontal	Pass
5**	12251.187	43.44	0.96	54.0	10.56	AV	360.00	150	Horizontal	Pass
6	15698.662	54.22	0.95	74.0	19.78	Peak	345.00	150	Horizontal	Pass
6**	15698.662	50.20	0.95	54.0	3.80	AV	345.00	150	Horizontal	Pass

11n40, U-NII-1, 1 GHz to 18 GHz, High Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1504.700	38.63	-17.37	74.0	35.37	Peak	30.00	200	Vertical	Pass
1**	1504.700	29.43	-17.37	54.0	24.57	AV	30.00	200	Vertical	Pass
2	4278.000	49.49	-4.46	74.0	24.51	Peak	232.00	400	Vertical	Pass
2**	4278.000	40.34	-4.46	54.0	13.66	AV	232.00	400	Vertical	Pass
3	5228.000	103.79	-2.48	--	--	Peak	242.00	100	Vertical	N/A
3**	5228.000	96.41	-2.48	--	--	AV	242.00	100	Vertical	N/A
4	7345.575	49.90	-3.36	74.0	24.10	Peak	15.00	200	Vertical	Pass
4**	7345.575	40.59	-3.36	54.0	13.41	AV	15.00	200	Vertical	Pass
5	11930.050	52.87	1.56	74.0	21.13	Peak	205.00	200	Vertical	Pass
5**	11930.050	43.63	1.56	54.0	10.37	AV	205.00	200	Vertical	Pass
6	15682.650	56.94	1.50	74.0	17.06	Peak	274.00	300	Vertical	Pass
6**	15682.650	46.85	1.50	54.0	7.15	AV	274.00	300	Vertical	Pass

11ac20, U-NII-1, 1 GHz to 18 GHz, Low Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1502.900	38.75	-17.45	74.0	35.25	Peak	360.00	200	Horizontal	Pass
1**	1502.900	29.50	-17.45	54.0	24.50	AV	360.00	200	Horizontal	Pass
2	4385.400	49.58	-4.67	74.0	24.42	Peak	286.00	100	Horizontal	Pass
2**	4385.400	41.12	-4.67	54.0	12.88	AV	286.00	100	Horizontal	Pass
3	5178.200	103.94	-2.65	--	--	Peak	223.00	100	Horizontal	N/A
3**	5178.200	96.59	-2.65	--	--	AV	223.00	100	Horizontal	N/A
4	7675.337	49.56	-2.35	74.0	24.44	Peak	94.00	400	Horizontal	Pass
4**	7675.337	40.83	-2.35	54.0	13.17	AV	94.00	400	Horizontal	Pass
5	12277.349	53.75	1.71	74.0	20.25	Peak	0.00	200	Horizontal	Pass
5**	12277.349	43.86	1.71	54.0	10.14	AV	0.00	200	Horizontal	Pass
6	16124.438	55.53	0.78	74.0	18.47	Peak	14.00	200	Horizontal	Pass
6**	16124.438	45.86	0.78	54.0	8.14	AV	14.00	200	Horizontal	Pass

11ac20, U-NII-1, 1 GHz to 18 GHz, Low Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1565.300	38.64	-17.53	74.0	35.36	Peak	37.00	200	Vertical	Pass
1**	1565.300	28.97	-17.53	54.0	25.03	AV	37.00	200	Vertical	Pass
2	4363.600	49.24	-4.50	74.0	24.76	Peak	90.00	100	Vertical	Pass
2**	4363.600	40.04	-4.50	54.0	13.96	AV	90.00	100	Vertical	Pass
3	5176.400	106.96	-2.68	--	--	Peak	233.00	150	Vertical	N/A
3**	5176.400	99.44	-2.68	--	--	AV	233.00	150	Vertical	N/A
4	7693.450	50.11	-1.98	74.0	23.89	Peak	14.00	300	Vertical	Pass
4**	7693.450	40.13	-1.98	54.0	13.87	AV	14.00	300	Vertical	Pass
5	12281.375	53.58	1.80	74.0	20.42	Peak	62.00	150	Vertical	Pass
5**	12281.375	44.31	1.80	54.0	9.69	AV	62.00	150	Vertical	Pass
6	16104.225	56.31	1.01	74.0	17.69	Peak	51.00	200	Vertical	Pass
6**	16104.225	47.09	1.01	54.0	6.91	AV	51.00	200	Vertical	Pass

11ac20, U-NII-1, 1 GHz to 18 GHz, Middle Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1560.400	38.78	-17.53	74.0	35.22	Peak	154.00	400	Horizontal	Pass
1**	1560.400	28.51	-17.53	54.0	25.49	AV	154.00	400	Horizontal	Pass
2	4298.400	49.39	-5.42	74.0	24.61	Peak	340.00	300	Horizontal	Pass
2**	4298.400	40.08	-5.42	54.0	13.92	AV	340.00	300	Horizontal	Pass
3	5222.200	104.63	-2.72	--	--	Peak	215.00	200	Horizontal	N/A
3**	5222.200	96.44	-2.72	--	--	AV	215.00	200	Horizontal	N/A
4	7683.962	49.58	-2.34	74.0	24.42	Peak	141.00	100	Horizontal	Pass
4**	7683.962	40.03	-2.34	54.0	13.97	AV	141.00	100	Horizontal	Pass
5	12313.287	53.49	1.39	74.0	20.51	Peak	268.00	150	Horizontal	Pass
5**	12313.287	44.26	1.39	54.0	9.74	AV	268.00	150	Horizontal	Pass
6	15662.437	55.94	1.31	74.0	18.06	Peak	360.00	150	Horizontal	Pass
6**	15662.437	50.78	1.31	54.0	3.22	AV	360.00	150	Horizontal	Pass

11ac20, U-NII-1, 1 GHz to 18 GHz, Middle Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1459.400	38.66	-17.62	74.0	35.34	Peak	325.00	200	Vertical	Pass
1**	1459.400	29.87	-17.62	54.0	24.13	AV	325.00	200	Vertical	Pass
2	4395.600	49.76	-4.77	74.0	24.24	Peak	16.00	400	Vertical	Pass
2**	4395.600	40.09	-4.77	54.0	13.91	AV	16.00	400	Vertical	Pass
3	5218.200	107.99	-2.64	--	--	Peak	231.00	150	Vertical	N/A
3**	5218.200	100.58	-2.64	--	--	AV	231.00	150	Vertical	N/A
4	7351.325	49.30	-3.45	74.0	24.70	Peak	60.00	100	Vertical	Pass
4**	7351.325	40.73	-3.45	54.0	13.27	AV	60.00	100	Vertical	Pass
5	12421.963	53.69	1.41	74.0	20.31	Peak	283.00	150	Vertical	Pass
5**	12421.963	43.22	1.41	54.0	10.78	AV	283.00	150	Vertical	Pass
6	15663.225	57.36	1.32	74.0	16.64	Peak	216.00	150	Vertical	Pass
6**	15663.225	51.26	1.32	54.0	2.74	AV	216.00	150	Vertical	Pass

11ac20, U-NII-1, 1 GHz to 18 GHz, High Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1497.700	38.29	-17.50	74.0	35.71	Peak	68.00	200	Horizontal	Pass
1**	1497.700	29.09	-17.50	54.0	24.91	AV	68.00	200	Horizontal	Pass
2	4271.000	49.19	-4.46	74.0	24.81	Peak	222.00	100	Horizontal	Pass
2**	4271.000	40.77	-4.46	54.0	13.23	AV	222.00	100	Horizontal	Pass
3	5241.600	104.60	-2.20	--	--	Peak	201.00	100	Horizontal	N/A
3**	5241.600	97.75	-2.20	--	--	AV	201.00	100	Horizontal	N/A
4	7743.187	49.89	-3.02	74.0	24.11	Peak	17.00	300	Horizontal	Pass
4**	7743.187	40.58	-3.02	54.0	13.42	AV	17.00	300	Horizontal	Pass
5	12236.812	53.33	1.12	74.0	20.67	Peak	331.00	100	Horizontal	Pass
5**	12236.812	43.42	1.12	54.0	10.58	AV	331.00	100	Horizontal	Pass
6	15721.238	56.51	0.48	74.0	17.49	Peak	345.00	150	Horizontal	Pass
6**	15721.238	50.53	0.48	54.0	3.47	AV	345.00	150	Horizontal	Pass

11ac20, U-NII-1, 1 GHz to 18 GHz, High Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1494.500	38.23	-17.59	74.0	35.77	Peak	360.00	300	Vertical	Pass
1**	1494.500	28.64	-17.59	54.0	25.36	AV	360.00	300	Vertical	Pass
2	4370.400	50.67	-4.34	74.0	23.33	Peak	70.00	100	Vertical	Pass
2**	4370.400	40.30	-4.34	54.0	13.70	AV	70.00	100	Vertical	Pass
3	5238.400	106.26	-2.26	--	--	Peak	233.00	150	Vertical	N/A
3**	5238.400	98.61	-2.26	--	--	AV	233.00	150	Vertical	N/A
4	7382.663	49.71	-3.82	74.0	24.29	Peak	141.00	300	Vertical	Pass
4**	7382.663	39.49	-3.82	54.0	14.51	AV	141.00	300	Vertical	Pass
5	12417.651	52.99	1.40	74.0	21.01	Peak	46.00	150	Vertical	Pass
5**	12417.651	43.38	1.40	54.0	10.62	AV	46.00	150	Vertical	Pass
6	15722.025	55.77	0.50	74.0	18.23	Peak	272.00	150	Vertical	Pass
6**	15722.025	51.48	0.50	54.0	2.52	AV	272.00	150	Vertical	Pass

11ac40, U-NII-1, 1 GHz to 18 GHz, Low Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1580.800	39.78	-17.33	74.0	34.22	Peak	360.00	200	Horizontal	Pass
1**	1580.800	28.86	-17.33	54.0	25.14	AV	360.00	200	Horizontal	Pass
2	4271.400	49.32	-4.40	74.0	24.68	Peak	145.00	100	Horizontal	Pass
2**	4271.400	40.71	-4.40	54.0	13.29	AV	145.00	100	Horizontal	Pass
3	5194.600	101.89	-2.73	--	--	Peak	225.00	200	Horizontal	N/A
3**	5194.600	94.40	-2.73	--	--	AV	225.00	200	Horizontal	N/A
4	7351.612	50.14	-3.48	74.0	23.86	Peak	277.00	300	Horizontal	Pass
4**	7351.612	41.74	-3.48	54.0	12.26	AV	277.00	300	Horizontal	Pass
5	12317.312	53.05	1.41	74.0	20.95	Peak	107.00	150	Horizontal	Pass
5**	12317.312	43.40	1.41	54.0	10.60	AV	107.00	150	Horizontal	Pass
6	15815.213	56.02	2.05	74.0	17.98	Peak	153.00	400	Horizontal	Pass
6**	15815.213	46.71	2.05	54.0	7.29	AV	153.00	400	Horizontal	Pass

11ac40, U-NII-1, 1 GHz to 18 GHz, Low Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1547.500	38.72	-17.43	74.0	35.28	Peak	360.00	300	Vertical	Pass
1**	1547.500	28.61	-17.43	54.0	25.39	AV	360.00	300	Vertical	Pass
2	4136.400	50.21	-5.15	74.0	23.79	Peak	80.00	100	Vertical	Pass
2**	4136.400	39.51	-5.15	54.0	14.49	AV	80.00	100	Vertical	Pass
3	5186.600	103.95	-2.61	--	--	Peak	228.00	150	Vertical	N/A
3**	5186.600	96.15	-2.61	--	--	AV	228.00	150	Vertical	N/A
4	7702.650	49.35	-2.11	74.0	24.65	Peak	202.00	100	Vertical	Pass
4**	7702.650	39.96	-2.11	54.0	14.04	AV	202.00	100	Vertical	Pass
5	12277.638	53.20	1.72	74.0	20.80	Peak	24.00	100	Vertical	Pass
5**	12277.638	44.25	1.72	54.0	9.75	AV	24.00	100	Vertical	Pass
6	15796.838	55.99	2.23	74.0	18.01	Peak	16.00	400	Vertical	Pass
6**	15796.838	46.26	2.23	54.0	7.74	AV	16.00	400	Vertical	Pass

11ac40, U-NII-1, 1 GHz to 18 GHz, High Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1583.900	39.03	-17.47	74.0	34.97	Peak	341.00	300	Horizontal	Pass
1**	1583.900	29.69	-17.47	54.0	24.31	AV	341.00	300	Horizontal	Pass
2	4383.200	49.41	-4.64	74.0	24.59	Peak	18.00	100	Horizontal	Pass
2**	4383.200	41.12	-4.64	54.0	12.88	AV	18.00	100	Horizontal	Pass
3	5231.600	101.37	-2.31	--	--	Peak	202.00	150	Horizontal	N/A
3**	5231.600	94.46	-2.31	--	--	AV	202.00	150	Horizontal	N/A
4	7359.375	49.48	-3.82	74.0	24.52	Peak	44.00	300	Horizontal	Pass
4**	7359.375	40.09	-3.82	54.0	13.91	AV	44.00	300	Horizontal	Pass
5	11769.912	53.39	1.28	74.0	20.61	Peak	60.00	100	Horizontal	Pass
5**	11769.912	43.30	1.28	54.0	10.70	AV	60.00	100	Horizontal	Pass
6	15686.325	56.28	1.40	74.0	17.72	Peak	354.00	150	Horizontal	Pass
6**	15686.325	49.59	1.40	54.0	4.41	AV	354.00	150	Horizontal	Pass

11ac40, U-NII-1, 1 GHz to 18 GHz, High Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1448.900	38.68	-17.37	74.0	35.32	Peak	306.00	100	Vertical	Pass
1**	1448.900	29.07	-17.37	54.0	24.93	AV	306.00	100	Vertical	Pass
2	4261.600	49.97	-5.07	74.0	24.03	Peak	6.00	100	Vertical	Pass
2**	4261.600	39.13	-5.07	54.0	14.87	AV	6.00	100	Vertical	Pass
3	5212.000	101.67	-2.48	--	--	Peak	221.00	200	Vertical	N/A
3**	5212.000	94.17	-2.48	--	--	AV	221.00	200	Vertical	N/A
4	7290.662	49.36	-3.12	74.0	24.64	Peak	206.00	200	Vertical	Pass
4**	7290.662	39.84	-3.12	54.0	14.16	AV	206.00	200	Vertical	Pass
5	12293.737	52.75	1.60	74.0	21.25	Peak	47.00	150	Vertical	Pass
5**	12293.737	44.22	1.60	54.0	9.78	AV	47.00	150	Vertical	Pass
6	15601.275	55.30	1.05	74.0	18.70	Peak	360.00	400	Vertical	Pass
6**	15601.275	45.59	1.05	54.0	8.41	AV	360.00	400	Vertical	Pass

11ac80, U-NII-1, 1 GHz to 18 GHz, Middle Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1509.600	38.12	-17.55	74.0	35.88	Peak	360.00	300	Horizontal	Pass
1**	1509.600	28.75	-17.55	54.0	25.25	AV	360.00	300	Horizontal	Pass
2	4379.600	49.26	-4.50	74.0	24.74	Peak	301.00	200	Horizontal	Pass
2**	4379.600	41.03	-4.50	54.0	12.97	AV	301.00	200	Horizontal	Pass
3	5203.400	99.90	-2.28	--	--	Peak	220.00	200	Horizontal	N/A
3**	5203.400	92.74	-2.28	--	--	AV	220.00	200	Horizontal	N/A
4	7324.013	49.88	-3.65	74.0	24.12	Peak	205.00	300	Horizontal	Pass
4**	7324.013	39.68	-3.65	54.0	14.32	AV	205.00	300	Horizontal	Pass
5	12239.400	53.66	1.08	74.0	20.34	Peak	236.00	150	Horizontal	Pass
5**	12239.400	44.05	1.08	54.0	9.95	AV	236.00	150	Horizontal	Pass
6	16072.724	56.20	1.45	74.0	17.80	Peak	360.00	400	Horizontal	Pass
6**	16072.724	45.89	1.45	54.0	8.11	AV	360.00	400	Horizontal	Pass

11ac80, U-NII-1, 1 GHz to 18 GHz, Middle Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1622.900	38.27	-17.60	74.0	35.73	Peak	229.00	400	Vertical	Pass
1**	1622.900	28.85	-17.60	54.0	25.15	AV	229.00	400	Vertical	Pass
2	4352.200	49.59	-3.59	74.0	24.41	Peak	360.00	100	Vertical	Pass
2**	4352.200	41.14	-3.59	54.0	12.86	AV	360.00	100	Vertical	Pass
3	5226.800	103.69	-2.53	--	--	Peak	225.00	100	Vertical	N/A
3**	5226.800	96.51	-2.53	--	--	AV	225.00	100	Vertical	N/A
4	7288.362	50.13	-3.12	74.0	23.87	Peak	121.00	100	Vertical	Pass
4**	7288.362	39.86	-3.12	54.0	14.14	AV	121.00	100	Vertical	Pass
5	11895.838	53.06	1.70	74.0	20.94	Peak	172.00	200	Vertical	Pass
5**	11895.838	43.26	1.70	54.0	10.74	AV	172.00	200	Vertical	Pass
6	15684.487	54.28	1.45	74.0	19.72	Peak	269.00	150	Vertical	Pass
6**	15684.487	49.32	1.45	54.0	4.68	AV	269.00	150	Vertical	Pass

11a, U-NII-2A, 1 GHz to 18 GHz, Low Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1555.000	38.76	-17.36	74.0	35.24	Peak	217.00	100	Horizontal	Pass
1**	1555.000	29.10	-17.36	54.0	24.90	AV	217.00	100	Horizontal	Pass
2	4366.600	49.55	-4.22	74.0	24.45	Peak	37.00	300	Horizontal	Pass
2**	4366.600	41.12	-4.22	54.0	12.88	AV	37.00	300	Horizontal	Pass
3	5258.600	105.53	-2.37	--	--	Peak	219.00	150	Horizontal	N/A
3**	5258.600	97.94	-2.37	--	--	AV	219.00	150	Horizontal	N/A
4	7682.812	50.29	-2.35	74.0	23.71	Peak	285.00	200	Horizontal	Pass
4**	7682.812	40.27	-2.35	54.0	13.73	AV	285.00	200	Horizontal	Pass
5	12259.237	53.23	1.06	74.0	20.77	Peak	80.00	150	Horizontal	Pass
5**	12259.237	44.63	1.06	54.0	9.37	AV	80.00	150	Horizontal	Pass
6	15779.250	56.72	1.50	74.0	17.28	Peak	251.00	150	Horizontal	Pass
6**	15779.250	52.87	1.50	54.0	1.13	AV	251.00	150	Horizontal	Pass

11a, U-NII-2A, 1 GHz to 18 GHz, Low Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1585.400	39.16	-17.55	74.0	34.84	Peak	279.00	100	Vertical	Pass
1**	1585.400	29.62	-17.55	54.0	24.38	AV	279.00	100	Vertical	Pass
2	4371.400	49.66	-4.18	74.0	24.34	Peak	360.00	200	Vertical	Pass
2**	4371.400	40.55	-4.18	54.0	13.45	AV	360.00	200	Vertical	Pass
3	5258.800	107.37	-2.38	--	--	Peak	229.00	200	Vertical	N/A
3**	5258.800	100.09	-2.38	--	--	AV	229.00	200	Vertical	N/A
4	7341.263	49.82	-3.42	74.0	24.18	Peak	253.00	300	Vertical	Pass
4**	7341.263	40.98	-3.42	54.0	13.02	AV	253.00	300	Vertical	Pass
5	12608.838	52.88	1.90	74.0	21.12	Peak	285.00	100	Vertical	Pass
5**	12608.838	43.70	1.90	54.0	10.30	AV	285.00	100	Vertical	Pass
6	15779.250	58.89	1.50	74.0	15.11	Peak	273.00	150	Vertical	Pass
6**	15779.250	52.79	1.50	54.0	1.21	AV	273.00	150	Vertical	Pass

11a, U-NII-2A, 1 GHz to 18 GHz, Middle Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1494.500	38.90	-17.59	74.0	35.10	Peak	296.00	200	Horizontal	Pass
1**	1494.500	29.34	-17.59	54.0	24.66	AV	296.00	200	Horizontal	Pass
2	4364.800	49.53	-4.33	74.0	24.47	Peak	262.00	100	Horizontal	Pass
2**	4364.800	40.43	-4.33	54.0	13.57	AV	262.00	100	Horizontal	Pass
3	5301.000	103.63	-3.08	--	--	Peak	221.00	150	Horizontal	N/A
3**	5301.000	96.20	-3.08	--	--	AV	221.00	150	Horizontal	N/A
4	7346.150	49.92	-3.39	74.0	24.08	Peak	252.00	100	Horizontal	Pass
4**	7346.150	40.66	-3.39	54.0	13.34	AV	252.00	100	Horizontal	Pass
5	12241.125	53.01	1.05	74.0	20.99	Peak	332.00	100	Horizontal	Pass
5**	12241.125	44.77	1.05	54.0	9.23	AV	332.00	100	Horizontal	Pass
6	15898.687	57.10	0.25	74.0	16.90	Peak	342.00	150	Horizontal	Pass
6**	15898.687	51.15	0.25	54.0	2.85	AV	342.00	150	Horizontal	Pass

11a, U-NII-2A, 1 GHz to 18 GHz, Middle Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1468.800	38.95	-17.50	74.0	35.05	Peak	263.00	300	Vertical	Pass
1**	1468.800	29.52	-17.50	54.0	24.48	AV	263.00	300	Vertical	Pass
2	4378.600	49.73	-4.55	74.0	24.27	Peak	140.00	300	Vertical	Pass
2**	4378.600	40.56	-4.55	54.0	13.44	AV	140.00	300	Vertical	Pass
3	5298.000	106.73	-3.28	--	--	Peak	230.00	150	Vertical	N/A
3**	5298.000	99.29	-3.28	--	--	AV	230.00	150	Vertical	N/A
4	7311.650	49.93	-2.71	74.0	24.07	Peak	0.00	400	Vertical	Pass
4**	7311.650	41.41	-2.71	54.0	12.59	AV	0.00	400	Vertical	Pass
5	11780.263	53.26	1.23	74.0	20.74	Peak	360.00	150	Vertical	Pass
5**	11780.263	43.47	1.23	54.0	10.53	AV	360.00	150	Vertical	Pass
6	15904.201	54.78	0.33	74.0	19.22	Peak	216.00	150	Vertical	Pass
6**	15904.201	49.92	0.33	54.0	4.08	AV	216.00	150	Vertical	Pass

11a, U-NII-2A, 1 GHz to 18 GHz, High Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1567.300	38.94	-17.50	74.0	35.06	Peak	255.00	200	Horizontal	Pass
1**	1567.300	29.28	-17.50	54.0	24.72	AV	255.00	200	Horizontal	Pass
2	4351.000	49.78	-3.66	74.0	24.22	Peak	341.00	400	Horizontal	Pass
2**	4351.000	40.95	-3.66	54.0	13.05	AV	341.00	400	Horizontal	Pass
3	5317.000	104.47	-2.54	--	--	Peak	220.00	200	Horizontal	N/A
3**	5317.000	96.57	-2.54	--	--	AV	220.00	200	Horizontal	N/A
4	7347.588	49.71	-3.22	74.0	24.29	Peak	206.00	200	Horizontal	Pass
4**	7347.588	40.99	-3.22	54.0	13.01	AV	206.00	200	Horizontal	Pass
5	12371.363	52.82	1.29	74.0	21.18	Peak	48.00	100	Horizontal	Pass
5**	12371.363	44.67	1.29	54.0	9.33	AV	48.00	100	Horizontal	Pass
6	15958.275	58.63	0.09	74.0	15.37	Peak	342.00	300	Horizontal	Pass
6**	15958.275	48.14	0.09	54.0	5.86	AV	342.00	300	Horizontal	Pass

11a, U-NII-2A, 1 GHz to 18 GHz, High Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1516.300	38.73	-17.54	74.0	35.27	Peak	279.00	400	Vertical	Pass
1**	1516.300	29.26	-17.54	54.0	24.74	AV	279.00	400	Vertical	Pass
2	4097.200	49.34	-5.53	74.0	24.66	Peak	340.00	400	Vertical	Pass
2**	4097.200	38.80	-5.53	54.0	15.20	AV	340.00	400	Vertical	Pass
3	5318.000	107.60	-2.62	--	--	Peak	229.00	200	Vertical	N/A
3**	5318.000	99.39	-2.62	--	--	AV	229.00	200	Vertical	N/A
4	7403.937	50.24	-3.86	74.0	23.76	Peak	249.00	400	Vertical	Pass
4**	7403.937	39.37	-3.86	54.0	14.63	AV	249.00	400	Vertical	Pass
5	10637.450	53.40	-0.95	74.0	20.60	Peak	348.00	150	Vertical	Pass
5**	10637.450	45.88	-0.95	54.0	8.12	AV	348.00	150	Vertical	Pass
6	15963.000	58.08	0.19	74.0	15.92	Peak	287.00	150	Vertical	Pass
6**	15963.000	50.92	0.19	54.0	3.08	AV	287.00	150	Vertical	Pass

11n20, U-NII-2A, 1 GHz to 18 GHz, Low Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1536.400	38.15	-17.26	74.0	35.85	Peak	132.00	300	Horizontal	Pass
1**	1536.400	28.94	-17.26	54.0	25.06	AV	132.00	300	Horizontal	Pass
2	4237.600	49.78	-4.67	74.0	24.22	Peak	312.00	300	Horizontal	Pass
2**	4237.600	40.15	-4.67	54.0	13.85	AV	312.00	300	Horizontal	Pass
3	5258.200	104.37	-2.35	--	--	Peak	220.00	200	Horizontal	N/A
3**	5258.200	96.26	-2.35	--	--	AV	220.00	200	Horizontal	N/A
4	7336.950	49.83	-3.29	74.0	24.17	Peak	158.00	300	Horizontal	Pass
4**	7336.950	41.26	-3.29	54.0	12.74	AV	158.00	300	Horizontal	Pass
5	11050.875	53.35	-0.64	74.0	20.65	Peak	236.00	100	Horizontal	Pass
5**	11050.875	43.13	-0.64	54.0	10.87	AV	236.00	100	Horizontal	Pass
6	15780.563	57.23	1.57	74.0	16.77	Peak	269.00	150	Horizontal	Pass
6**	15780.563	52.19	1.57	54.0	1.81	AV	269.00	150	Horizontal	Pass

11n20, U-NII-2A, 1 GHz to 18 GHz, Low Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1485.800	38.60	-17.58	74.0	35.40	Peak	221.00	100	Vertical	Pass
1**	1485.800	28.72	-17.58	54.0	25.28	AV	221.00	100	Vertical	Pass
2	4353.600	49.77	-3.75	74.0	24.23	Peak	56.00	100	Vertical	Pass
2**	4353.600	41.79	-3.75	54.0	12.21	AV	56.00	100	Vertical	Pass
3	5262.000	106.31	-2.71	--	--	Peak	229.00	150	Vertical	N/A
3**	5262.000	98.65	-2.71	--	--	AV	229.00	150	Vertical	N/A
4	7666.138	49.65	-2.33	74.0	24.35	Peak	238.00	400	Vertical	Pass
4**	7666.138	39.91	-2.33	54.0	14.09	AV	238.00	400	Vertical	Pass
5	12231.638	53.28	1.26	74.0	20.72	Peak	4.00	150	Vertical	Pass
5**	12231.638	44.48	1.26	54.0	9.52	AV	4.00	150	Vertical	Pass
6	15782.925	56.20	1.70	74.0	17.80	Peak	214.00	150	Vertical	Pass
6**	15782.925	52.15	1.70	54.0	1.85	AV	214.00	150	Vertical	Pass

11n20, U-NII-2A, 1 GHz to 18 GHz, Middle Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1467.500	38.43	-17.52	74.0	35.57	Peak	330.00	200	Horizontal	Pass
1**	1467.500	29.50	-17.52	54.0	24.50	AV	330.00	200	Horizontal	Pass
2	4350.000	49.37	-3.72	74.0	24.63	Peak	360.00	100	Horizontal	Pass
2**	4350.000	40.54	-3.72	54.0	13.46	AV	360.00	100	Horizontal	Pass
3	5298.800	103.48	-3.21	--	--	Peak	211.00	150	Horizontal	N/A
3**	5298.800	95.75	-3.21	--	--	AV	211.00	150	Horizontal	N/A
4	7330.050	49.41	-3.81	74.0	24.59	Peak	360.00	400	Horizontal	Pass
4**	7330.050	40.38	-3.81	54.0	13.62	AV	360.00	400	Horizontal	Pass
5	12595.037	53.07	1.78	74.0	20.93	Peak	284.00	100	Horizontal	Pass
5**	12595.037	43.31	1.78	54.0	10.69	AV	284.00	100	Horizontal	Pass
6	15896.325	57.40	0.22	74.0	16.60	Peak	253.00	150	Horizontal	Pass
6**	15896.325	50.86	0.22	54.0	3.14	AV	253.00	150	Horizontal	Pass

11n20, U-NII-2A, 1 GHz to 18 GHz, Middle Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1495.800	38.43	-17.42	74.0	35.57	Peak	195.00	200	Vertical	Pass
1**	1495.800	29.69	-17.42	54.0	24.31	AV	195.00	200	Vertical	Pass
2	4341.600	49.30	-4.45	74.0	24.70	Peak	190.00	100	Vertical	Pass
2**	4341.600	40.12	-4.45	54.0	13.88	AV	190.00	100	Vertical	Pass
3	5297.800	105.70	-3.29	--	--	Peak	230.00	200	Vertical	N/A
3**	5297.800	97.87	-3.29	--	--	AV	230.00	200	Vertical	N/A
4	7647.162	49.82	-2.85	74.0	24.18	Peak	111.00	400	Vertical	Pass
4**	7647.162	40.47	-2.85	54.0	13.53	AV	111.00	400	Vertical	Pass
5	12307.826	53.26	1.38	74.0	20.74	Peak	79.00	150	Vertical	Pass
5**	12307.826	43.74	1.38	54.0	10.26	AV	79.00	150	Vertical	Pass
6	15900.000	54.75	0.27	74.0	19.25	Peak	268.00	150	Vertical	Pass
6**	15900.000	49.82	0.27	54.0	4.18	AV	268.00	150	Vertical	Pass

11n20, U-NII-2A, 1 GHz to 18 GHz, High Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1498.100	38.09	-17.54	74.0	35.91	Peak	290.00	100	Horizontal	Pass
1**	1498.100	29.05	-17.54	54.0	24.95	AV	290.00	100	Horizontal	Pass
2	4389.600	49.34	-4.79	74.0	24.66	Peak	169.00	300	Horizontal	Pass
2**	4389.600	40.31	-4.79	54.0	13.69	AV	169.00	300	Horizontal	Pass
3	5318.600	105.41	-2.66	--	--	Peak	220.00	100	Horizontal	N/A
3**	5318.600	97.47	-2.66	--	--	AV	220.00	100	Horizontal	N/A
4	7349.313	49.42	-3.24	74.0	24.58	Peak	126.00	300	Horizontal	Pass
4**	7349.313	40.63	-3.24	54.0	13.37	AV	126.00	300	Horizontal	Pass
5	10639.750	50.91	-0.90	74.0	23.09	Peak	284.00	150	Horizontal	Pass
5**	10639.750	46.34	-0.90	54.0	7.66	AV	284.00	150	Horizontal	Pass
6	15957.224	56.19	0.07	74.0	17.81	Peak	344.00	150	Horizontal	Pass
6**	15957.224	50.68	0.07	54.0	3.32	AV	344.00	150	Horizontal	Pass

11n20, U-NII-2A, 1 GHz to 18 GHz, High Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1441.400	38.58	-17.38	74.0	35.42	Peak	323.00	100	Vertical	Pass
1**	1441.400	28.74	-17.38	54.0	25.26	AV	323.00	100	Vertical	Pass
2	4256.800	48.81	-5.12	74.0	25.19	Peak	16.00	200	Vertical	Pass
2**	4256.800	39.37	-5.12	54.0	14.63	AV	16.00	200	Vertical	Pass
3	5317.800	106.98	-2.60	--	--	Peak	222.00	150	Vertical	N/A
3**	5317.800	99.39	-2.60	--	--	AV	222.00	150	Vertical	N/A
4	7307.337	49.37	-2.88	74.0	24.63	Peak	188.00	400	Vertical	Pass
4**	7307.337	40.07	-2.88	54.0	13.93	AV	188.00	400	Vertical	Pass
5	10638.888	52.77	-0.92	74.0	21.23	Peak	300.00	150	Vertical	Pass
5**	10638.888	47.18	-0.92	54.0	6.82	AV	300.00	150	Vertical	Pass
6	15960.901	54.57	0.15	74.0	19.43	Peak	290.00	150	Vertical	Pass
6**	15960.901	50.30	0.15	54.0	3.70	AV	290.00	150	Vertical	Pass

11n40, U-NII-2A, 1 GHz to 18 GHz, Low Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1545.600	38.74	-17.32	74.0	35.26	Peak	360.00	200	Horizontal	Pass
1**	1545.600	29.33	-17.32	54.0	24.67	AV	360.00	200	Horizontal	Pass
2	4392.400	49.56	-4.70	74.0	24.44	Peak	17.00	400	Horizontal	Pass
2**	4392.400	40.10	-4.70	54.0	13.90	AV	17.00	400	Horizontal	Pass
3	5267.800	101.71	-2.88	--	--	Peak	213.00	150	Horizontal	N/A
3**	5267.800	93.23	-2.88	--	--	AV	213.00	150	Horizontal	N/A
4	7339.825	49.41	-3.39	74.0	24.59	Peak	316.00	200	Horizontal	Pass
4**	7339.825	40.30	-3.39	54.0	13.70	AV	316.00	200	Horizontal	Pass
5	12325.650	53.23	1.42	74.0	20.77	Peak	316.00	150	Horizontal	Pass
5**	12325.650	44.40	1.42	54.0	9.60	AV	316.00	150	Horizontal	Pass
6	15804.188	54.30	2.28	74.0	19.70	Peak	344.00	150	Horizontal	Pass
6**	15804.188	50.56	2.28	54.0	3.44	AV	344.00	150	Horizontal	Pass

11n40, U-NII-2A, 1 GHz to 18 GHz, Low Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1544.700	38.07	-17.29	74.0	35.93	Peak	168.00	400	Vertical	Pass
1**	1544.700	29.49	-17.29	54.0	24.51	AV	168.00	400	Vertical	Pass
2	4353.000	50.37	-3.68	74.0	23.63	Peak	360.00	400	Vertical	Pass
2**	4353.000	40.45	-3.68	54.0	13.55	AV	360.00	400	Vertical	Pass
3	5274.800	103.63	-2.75	--	--	Peak	232.00	100	Vertical	N/A
3**	5274.800	96.04	-2.75	--	--	AV	232.00	100	Vertical	N/A
4	7611.225	49.12	-3.04	74.0	24.88	Peak	315.00	400	Vertical	Pass
4**	7611.225	39.33	-3.04	54.0	14.67	AV	315.00	400	Vertical	Pass
5	11930.625	53.11	1.58	74.0	20.89	Peak	108.00	200	Vertical	Pass
5**	11930.625	43.30	1.58	54.0	10.70	AV	108.00	200	Vertical	Pass
6	15802.875	55.80	2.30	74.0	18.20	Peak	273.00	150	Vertical	Pass
6**	15802.875	51.10	2.30	54.0	2.90	AV	273.00	150	Vertical	Pass

11n40, U-NII-2A, 1 GHz to 18 GHz, High Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1557.900	38.83	-17.35	74.0	35.17	Peak	306.00	100	Horizontal	Pass
1**	1557.900	29.07	-17.35	54.0	24.93	AV	306.00	100	Horizontal	Pass
2	4375.400	49.52	-4.77	74.0	24.48	Peak	253.00	400	Horizontal	Pass
2**	4375.400	39.75	-4.77	54.0	14.25	AV	253.00	400	Horizontal	Pass
3	5311.400	102.53	-2.64	--	--	Peak	213.00	200	Horizontal	N/A
3**	5311.400	95.41	-2.64	--	--	AV	213.00	200	Horizontal	N/A
4	7350.462	50.04	-3.37	74.0	23.96	Peak	332.00	100	Horizontal	Pass
4**	7350.462	40.52	-3.37	54.0	13.48	AV	332.00	100	Horizontal	Pass
5	11592.813	53.07	-0.18	74.0	20.93	Peak	348.00	100	Horizontal	Pass
5**	11592.813	43.58	-0.18	54.0	10.42	AV	348.00	100	Horizontal	Pass
6	15938.588	56.68	-0.32	74.0	17.32	Peak	253.00	200	Horizontal	Pass
6**	15938.588	47.58	-0.32	54.0	6.42	AV	253.00	200	Horizontal	Pass

11n40, U-NII-2A, 1 GHz to 18 GHz, High Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1575.800	38.55	-17.52	74.0	35.45	Peak	285.00	400	Vertical	Pass
1**	1575.800	28.86	-17.52	54.0	25.14	AV	285.00	400	Vertical	Pass
2	4379.800	49.91	-4.49	74.0	24.09	Peak	73.00	400	Vertical	Pass
2**	4379.800	40.32	-4.49	54.0	13.68	AV	73.00	400	Vertical	Pass
3	5313.800	103.88	-2.69	--	--	Peak	227.00	200	Vertical	N/A
3**	5313.800	96.43	-2.69	--	--	AV	227.00	200	Vertical	N/A
4	7720.763	49.23	-2.72	74.0	24.77	Peak	268.00	400	Vertical	Pass
4**	7720.763	39.54	-2.72	54.0	14.46	AV	268.00	400	Vertical	Pass
5	12643.338	53.20	1.08	74.0	20.80	Peak	0.00	150	Vertical	Pass
5**	12643.338	42.91	1.08	54.0	11.09	AV	0.00	150	Vertical	Pass
6	16112.099	55.58	0.73	74.0	18.42	Peak	90.00	100	Vertical	Pass
6**	16112.099	47.30	0.73	54.0	6.70	AV	90.00	100	Vertical	Pass

11ac20, U-NII-2A, 1 GHz to 18 GHz, Low Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1499.500	38.69	-17.51	74.0	35.31	Peak	208.00	100	Horizontal	Pass
1**	1499.500	28.80	-17.51	54.0	25.20	AV	208.00	100	Horizontal	Pass
2	4352.400	49.33	-3.62	74.0	24.67	Peak	360.00	300	Horizontal	Pass
2**	4352.400	41.10	-3.62	54.0	12.90	AV	360.00	300	Horizontal	Pass
3	5262.000	103.98	-2.71	--	--	Peak	222.00	200	Horizontal	N/A
3**	5262.000	96.47	-2.71	--	--	AV	222.00	200	Horizontal	N/A
4	7363.975	49.19	-3.83	74.0	24.81	Peak	94.00	400	Horizontal	Pass
4**	7363.975	40.35	-3.83	54.0	13.65	AV	94.00	400	Horizontal	Pass
5	11933.787	52.77	1.66	74.0	21.23	Peak	188.00	100	Horizontal	Pass
5**	11933.787	43.39	1.66	54.0	10.61	AV	188.00	100	Horizontal	Pass
6	15789.225	54.49	1.98	74.0	19.51	Peak	273.00	150	Horizontal	Pass
6**	15789.225	51.19	1.98	54.0	2.81	AV	273.00	150	Horizontal	Pass

11ac20, U-NII-2A, 1 GHz to 18 GHz, Low Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1549.900	39.08	-17.49	74.0	34.92	Peak	134.00	200	Vertical	Pass
1**	1549.900	28.60	-17.49	54.0	25.40	AV	134.00	200	Vertical	Pass
2	3999.600	49.07	-5.08	74.0	24.93	Peak	0.00	200	Vertical	Pass
2**	3999.600	39.26	-5.08	54.0	14.74	AV	0.00	200	Vertical	Pass
3	5261.200	105.92	-2.64	--	--	Peak	223.00	150	Vertical	N/A
3**	5261.200	98.51	-2.64	--	--	AV	223.00	150	Vertical	N/A
4	7731.400	49.39	-2.92	74.0	24.61	Peak	63.00	300	Vertical	Pass
4**	7731.400	38.77	-2.92	54.0	15.23	AV	63.00	300	Vertical	Pass
5	12607.688	52.69	1.90	74.0	21.31	Peak	283.00	150	Vertical	Pass
5**	12607.688	43.41	1.90	54.0	10.59	AV	283.00	150	Vertical	Pass
6	15779.512	54.78	1.52	74.0	19.22	Peak	219.00	150	Vertical	Pass
6**	15779.512	52.30	1.52	54.0	1.70	AV	219.00	150	Vertical	Pass

11ac20, U-NII-2A, 1 GHz to 18 GHz, Middle Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1473.900	38.46	-17.67	74.0	35.54	Peak	49.00	300	Horizontal	Pass
1**	1473.900	28.66	-17.67	54.0	25.34	AV	49.00	300	Horizontal	Pass
2	4155.600	49.32	-5.10	74.0	24.68	Peak	150.00	100	Horizontal	Pass
2**	4155.600	39.14	-5.10	54.0	14.86	AV	150.00	100	Horizontal	Pass
3	5302.200	103.39	-3.02	--	--	Peak	210.00	200	Horizontal	N/A
3**	5302.200	96.02	-3.02	--	--	AV	210.00	200	Horizontal	N/A
4	7685.112	49.42	-2.28	74.0	24.58	Peak	238.00	300	Horizontal	Pass
4**	7685.112	40.31	-2.28	54.0	13.69	AV	238.00	300	Horizontal	Pass
5	11962.825	53.28	0.88	74.0	20.72	Peak	80.00	150	Horizontal	Pass
5**	11962.825	44.58	0.88	54.0	9.42	AV	80.00	150	Horizontal	Pass
6	15894.225	56.16	0.21	74.0	17.84	Peak	250.00	150	Horizontal	Pass
6**	15894.225	50.34	0.21	54.0	3.66	AV	250.00	150	Horizontal	Pass

11ac20, U-NII-2A, 1 GHz to 18 GHz, Middle Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1501.900	38.17	-17.46	74.0	35.83	Peak	179.00	200	Vertical	Pass
1**	1501.900	29.31	-17.46	54.0	24.69	AV	179.00	200	Vertical	Pass
2	4379.400	49.31	-4.51	74.0	24.69	Peak	295.00	300	Vertical	Pass
2**	4379.400	40.47	-4.51	54.0	13.53	AV	295.00	300	Vertical	Pass
3	5299.000	105.81	-3.20	--	--	Peak	231.00	200	Vertical	N/A
3**	5299.000	98.66	-3.20	--	--	AV	231.00	200	Vertical	N/A
4	7393.300	50.59	-3.82	74.0	23.41	Peak	169.00	300	Vertical	Pass
4**	7393.300	40.28	-3.82	54.0	13.72	AV	169.00	300	Vertical	Pass
5	10601.224	53.28	-1.51	74.0	20.72	Peak	266.00	200	Vertical	Pass
5**	10601.224	44.93	-1.51	54.0	9.07	AV	266.00	200	Vertical	Pass
6	15898.951	57.19	0.25	74.0	16.81	Peak	275.00	150	Vertical	Pass
6**	15898.951	50.92	0.25	54.0	3.08	AV	275.00	150	Vertical	Pass

11ac20, U-NII-2A, 1 GHz to 18 GHz, High Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1445.000	38.17	-17.21	74.0	35.83	Peak	329.00	300	Horizontal	Pass
1**	1445.000	28.80	-17.21	54.0	25.20	AV	329.00	300	Horizontal	Pass
2	4371.800	49.59	-4.28	74.0	24.41	Peak	314.00	100	Horizontal	Pass
2**	4371.800	40.19	-4.28	54.0	13.81	AV	314.00	100	Horizontal	Pass
3	5318.400	104.84	-2.65	--	--	Peak	220.00	100	Horizontal	N/A
3**	5318.400	97.76	-2.65	--	--	AV	220.00	100	Horizontal	N/A
4	7311.938	49.36	-2.71	74.0	24.64	Peak	348.00	300	Horizontal	Pass
4**	7311.938	40.12	-2.71	54.0	13.88	AV	348.00	300	Horizontal	Pass
5	12283.388	53.00	1.78	74.0	21.00	Peak	348.00	200	Horizontal	Pass
5**	12283.388	44.26	1.78	54.0	9.74	AV	348.00	200	Horizontal	Pass
6	15960.375	57.50	0.14	74.0	16.50	Peak	251.00	400	Horizontal	Pass
6**	15960.375	48.95	0.14	54.0	5.05	AV	251.00	400	Horizontal	Pass

11ac20, U-NII-2A, 1 GHz to 18 GHz, High Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1608.100	38.77	-17.77	74.0	35.23	Peak	327.00	200	Vertical	Pass
1**	1608.100	28.91	-17.77	54.0	25.09	AV	327.00	200	Vertical	Pass
2	4302.400	49.23	-5.20	74.0	24.77	Peak	269.00	100	Vertical	Pass
2**	4302.400	39.37	-5.20	54.0	14.63	AV	269.00	100	Vertical	Pass
3	5321.800	106.84	-2.83	--	--	Peak	228.00	100	Vertical	N/A
3**	5321.800	99.58	-2.83	--	--	AV	228.00	100	Vertical	N/A
4	7350.175	49.58	-3.34	74.0	24.42	Peak	0.00	400	Vertical	Pass
4**	7350.175	40.74	-3.34	54.0	13.26	AV	0.00	400	Vertical	Pass
5	10637.450	55.47	-0.95	74.0	18.53	Peak	315.00	100	Vertical	Pass
5**	10637.450	44.63	-0.95	54.0	9.37	AV	315.00	100	Vertical	Pass
6	15966.412	58.44	0.28	74.0	15.56	Peak	288.00	150	Vertical	Pass
6**	15966.412	51.01	0.28	54.0	2.99	AV	288.00	150	Vertical	Pass

11ac40, U-NII-2A, 1 GHz to 18 GHz, Low Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1463.300	39.12	-17.48	74.0	34.88	Peak	290.00	200	Horizontal	Pass
1**	1463.300	28.65	-17.48	54.0	25.35	AV	290.00	200	Horizontal	Pass
2	4357.200	49.33	-4.07	74.0	24.67	Peak	129.00	400	Horizontal	Pass
2**	4357.200	40.00	-4.07	54.0	14.00	AV	129.00	400	Horizontal	Pass
3	5268.200	102.75	-2.87	--	--	Peak	211.00	150	Horizontal	N/A
3**	5268.200	94.81	-2.87	--	--	AV	211.00	150	Horizontal	N/A
4	7301.587	49.02	-2.76	74.0	24.98	Peak	77.00	100	Horizontal	Pass
4**	7301.587	40.01	-2.76	54.0	13.99	AV	77.00	100	Horizontal	Pass
5	12601.650	52.95	1.91	74.0	21.05	Peak	93.00	100	Horizontal	Pass
5**	12601.650	43.76	1.91	54.0	10.24	AV	93.00	100	Horizontal	Pass
6	15803.662	54.32	2.29	74.0	19.68	Peak	270.00	150	Horizontal	Pass
6**	15803.662	50.39	2.29	54.0	3.61	AV	270.00	150	Horizontal	Pass

11ac40, U-NII-2A, 1 GHz to 18 GHz, Low Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1570.400	38.22	-17.69	74.0	35.78	Peak	262.00	200	Vertical	Pass
1**	1570.400	28.46	-17.69	54.0	25.54	AV	262.00	200	Vertical	Pass
2	4378.600	49.71	-4.55	74.0	24.29	Peak	333.00	400	Vertical	Pass
2**	4378.600	39.69	-4.55	54.0	14.31	AV	333.00	400	Vertical	Pass
3	5271.600	104.16	-2.74	--	--	Peak	230.00	100	Vertical	N/A
3**	5271.600	97.20	-2.74	--	--	AV	230.00	100	Vertical	N/A
4	7689.138	49.20	-2.05	74.0	24.80	Peak	65.00	100	Vertical	Pass
4**	7689.138	40.21	-2.05	54.0	13.79	AV	65.00	100	Vertical	Pass
5	12281.375	53.29	1.80	74.0	20.71	Peak	331.00	200	Vertical	Pass
5**	12281.375	43.79	1.80	54.0	10.21	AV	331.00	200	Vertical	Pass
6	15801.300	54.34	2.32	74.0	19.66	Peak	216.00	150	Vertical	Pass
6**	15801.300	50.35	2.32	54.0	3.65	AV	216.00	150	Vertical	Pass

11ac40, U-NII-2A, 1 GHz to 18 GHz, High Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1447.700	39.03	-17.29	74.0	34.97	Peak	119.00	400	Horizontal	Pass
1**	1447.700	29.25	-17.29	54.0	24.75	AV	119.00	400	Horizontal	Pass
2	4370.200	49.92	-4.39	74.0	24.08	Peak	130.00	400	Horizontal	Pass
2**	4370.200	40.48	-4.39	54.0	13.52	AV	130.00	400	Horizontal	Pass
3	5311.800	102.59	-2.66	--	--	Peak	221.00	150	Horizontal	N/A
3**	5311.800	94.68	-2.66	--	--	AV	221.00	150	Horizontal	N/A
4	7335.225	49.48	-3.30	74.0	24.52	Peak	332.00	300	Horizontal	Pass
4**	7335.225	40.46	-3.30	54.0	13.54	AV	332.00	300	Horizontal	Pass
5	12312.713	52.84	1.39	74.0	21.16	Peak	284.00	200	Horizontal	Pass
5**	12312.713	43.90	1.39	54.0	10.10	AV	284.00	200	Horizontal	Pass
6	15807.863	55.96	2.21	74.0	18.04	Peak	254.00	200	Horizontal	Pass
6**	15807.863	46.04	2.21	54.0	7.96	AV	254.00	200	Horizontal	Pass

11ac40, U-NII-2A, 1 GHz to 18 GHz, High Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1456.000	37.99	-17.66	74.0	36.01	Peak	324.00	400	Vertical	Pass
1**	1456.000	30.04	-17.66	54.0	23.96	AV	324.00	400	Vertical	Pass
2	4219.400	49.76	-5.08	74.0	24.24	Peak	355.00	300	Vertical	Pass
2**	4219.400	39.79	-5.08	54.0	14.21	AV	355.00	300	Vertical	Pass
3	5311.600	104.34	-2.65	--	--	Peak	223.00	100	Vertical	N/A
3**	5311.600	96.93	-2.65	--	--	AV	223.00	100	Vertical	N/A
4	7356.788	49.55	-3.55	74.0	24.45	Peak	16.00	200	Vertical	Pass
4**	7356.788	40.46	-3.55	54.0	13.54	AV	16.00	200	Vertical	Pass
5	11943.276	52.89	1.59	74.0	21.11	Peak	284.00	100	Vertical	Pass
5**	11943.276	43.55	1.59	54.0	10.45	AV	284.00	100	Vertical	Pass
6	16076.137	56.69	1.56	74.0	17.31	Peak	162.00	200	Vertical	Pass
6**	16076.137	46.44	1.56	54.0	7.56	AV	162.00	200	Vertical	Pass

11ac80, U-NII-2A, 1 GHz to 18 GHz, Middle Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1470.000	38.29	-17.45	74.0	35.71	Peak	335.00	300	Horizontal	Pass
1**	1470.000	29.41	-17.45	54.0	24.59	AV	335.00	300	Horizontal	Pass
2	4114.400	49.39	-5.23	74.0	24.61	Peak	180.00	300	Horizontal	Pass
2**	4114.400	39.90	-5.23	54.0	14.10	AV	180.00	300	Horizontal	Pass
3	5287.400	98.77	-3.31	--	--	Peak	212.00	200	Horizontal	N/A
3**	5287.400	91.55	-3.31	--	--	AV	212.00	200	Horizontal	N/A
4	7666.713	49.30	-2.34	74.0	24.70	Peak	113.00	200	Horizontal	Pass
4**	7666.713	39.56	-2.34	54.0	14.44	AV	113.00	200	Horizontal	Pass
5	11516.625	52.99	-0.36	74.0	21.01	Peak	176.00	100	Horizontal	Pass
5**	11516.625	43.58	-0.36	54.0	10.42	AV	176.00	100	Horizontal	Pass
6	15850.912	55.86	1.31	74.0	18.14	Peak	269.00	200	Horizontal	Pass
6**	15850.912	46.83	1.31	54.0	7.17	AV	269.00	200	Horizontal	Pass

11ac80, U-NII-2A, 1 GHz to 18 GHz, Middle Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1597.800	38.90	-17.86	74.0	35.10	Peak	79.00	200	Vertical	Pass
1**	1597.800	28.73	-17.86	54.0	25.27	AV	79.00	200	Vertical	Pass
2	4278.800	49.42	-4.49	74.0	24.58	Peak	0.00	200	Vertical	Pass
2**	4278.800	39.96	-4.49	54.0	14.04	AV	0.00	200	Vertical	Pass
3	5283.600	100.78	-3.06	--	--	Peak	230.00	150	Vertical	N/A
3**	5283.600	92.54	-3.06	--	--	AV	230.00	150	Vertical	N/A
4	7658.662	49.71	-2.47	74.0	24.29	Peak	268.00	100	Vertical	Pass
4**	7658.662	39.83	-2.47	54.0	14.17	AV	268.00	100	Vertical	Pass
5	12267.575	53.80	1.37	74.0	20.20	Peak	237.00	150	Vertical	Pass
5**	12267.575	43.19	1.37	54.0	10.81	AV	237.00	150	Vertical	Pass
6	15840.412	56.01	1.44	74.0	17.99	Peak	215.00	400	Vertical	Pass
6**	15840.412	47.36	1.44	54.0	6.64	AV	215.00	400	Vertical	Pass

11a, U-NII-2C, 1 GHz to 18 GHz, Low Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1437.000	38.14	-17.46	74.0	35.86	Peak	97.00	300	Horizontal	Pass
1**	1437.000	28.58	-17.46	54.0	25.42	AV	97.00	300	Horizontal	Pass
2	4377.400	49.11	-4.62	74.0	24.89	Peak	324.00	300	Horizontal	Pass
2**	4377.400	40.32	-4.62	54.0	13.68	AV	324.00	300	Horizontal	Pass
3	5501.400	103.75	-2.34	--	--	Peak	222.00	200	Horizontal	N/A
3**	5501.400	96.95	-2.34	--	--	AV	222.00	200	Horizontal	N/A
4	7376.625	49.27	-3.83	74.0	24.73	Peak	16.00	400	Horizontal	Pass
4**	7376.625	39.70	-3.83	54.0	14.30	AV	16.00	400	Horizontal	Pass
5	11224.813	52.95	-0.22	74.0	21.05	Peak	62.00	150	Horizontal	Pass
5**	11224.813	42.23	-0.22	54.0	11.77	AV	62.00	150	Horizontal	Pass
6	16092.675	55.72	1.38	74.0	18.28	Peak	70.00	100	Horizontal	Pass
6**	16092.675	46.89	1.38	54.0	7.11	AV	70.00	100	Horizontal	Pass

11a, U-NII-2C, 1 GHz to 18 GHz, Low Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1505.200	39.08	-17.43	74.0	34.92	Peak	115.00	400	Vertical	Pass
1**	1505.200	28.91	-17.43	54.0	25.09	AV	115.00	400	Vertical	Pass
2	4350.400	49.23	-3.70	74.0	24.77	Peak	70.00	200	Vertical	Pass
2**	4350.400	40.27	-3.70	54.0	13.73	AV	70.00	200	Vertical	Pass
3	5498.200	105.75	-2.22	--	--	Peak	301.00	100	Vertical	N/A
3**	5498.200	97.71	-2.22	--	--	AV	301.00	100	Vertical	N/A
4	7345.862	49.76	-3.37	74.0	24.24	Peak	188.00	400	Vertical	Pass
4**	7345.862	40.96	-3.37	54.0	13.04	AV	188.00	400	Vertical	Pass
5	11625.300	52.62	-0.14	74.0	21.38	Peak	107.00	100	Vertical	Pass
5**	11625.300	42.93	-0.14	54.0	11.07	AV	107.00	100	Vertical	Pass
6	15397.049	55.49	0.70	74.0	18.51	Peak	273.00	300	Vertical	Pass
6**	15397.049	45.95	0.70	54.0	8.05	AV	273.00	300	Vertical	Pass

11a, U-NII-2C, 1 GHz to 18 GHz, Middle Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1619.900	38.70	-17.61	74.0	35.30	Peak	211.00	400	Horizontal	Pass
1**	1619.900	29.64	-17.61	54.0	24.36	AV	211.00	400	Horizontal	Pass
2	4349.600	49.91	-3.76	74.0	24.09	Peak	329.00	100	Horizontal	Pass
2**	4349.600	40.75	-3.76	54.0	13.25	AV	329.00	100	Horizontal	Pass
3	5578.200	103.43	-2.00	--	--	Peak	213.00	200	Horizontal	N/A
3**	5578.200	96.03	-2.00	--	--	AV	213.00	200	Horizontal	N/A
4	7366.275	49.57	-4.00	74.0	24.43	Peak	360.00	300	Horizontal	Pass
4**	7366.275	39.34	-4.00	54.0	14.66	AV	360.00	300	Horizontal	Pass
5	11595.975	53.08	-0.14	74.0	20.92	Peak	332.00	100	Horizontal	Pass
5**	11595.975	42.85	-0.14	54.0	11.15	AV	332.00	100	Horizontal	Pass
6	16076.137	55.72	1.56	74.0	18.28	Peak	89.00	400	Horizontal	Pass
6**	16076.137	47.49	1.56	54.0	6.51	AV	89.00	400	Horizontal	Pass

11a, U-NII-2C, 1 GHz to 18 GHz, Middle Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1506.200	38.43	-17.58	74.0	35.57	Peak	299.00	300	Vertical	Pass
1**	1506.200	28.82	-17.58	54.0	25.18	AV	299.00	300	Vertical	Pass
2	4206.200	49.75	-4.75	74.0	24.25	Peak	148.00	100	Vertical	Pass
2**	4206.200	40.14	-4.75	54.0	13.86	AV	148.00	100	Vertical	Pass
3	5581.400	105.41	-1.87	--	--	Peak	291.00	200	Vertical	N/A
3**	5581.400	98.05	-1.87	--	--	AV	291.00	200	Vertical	N/A
4	7325.737	49.62	-3.69	74.0	24.38	Peak	175.00	100	Vertical	Pass
4**	7325.737	40.21	-3.69	54.0	13.79	AV	175.00	100	Vertical	Pass
5	12300.925	53.43	1.46	74.0	20.57	Peak	80.00	100	Vertical	Pass
5**	12300.925	42.94	1.46	54.0	11.06	AV	80.00	100	Vertical	Pass
6	15858.000	56.31	1.03	74.0	17.69	Peak	323.00	400	Vertical	Pass
6**	15858.000	46.23	1.03	54.0	7.77	AV	323.00	400	Vertical	Pass

11a, U-NII-2C, 1 GHz to 18 GHz, High Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1481.700	38.47	-17.66	74.0	35.53	Peak	232.00	300	Horizontal	Pass
1**	1481.700	29.03	-17.66	54.0	24.97	AV	232.00	300	Horizontal	Pass
2	4279.800	49.63	-4.52	74.0	24.37	Peak	313.00	400	Horizontal	Pass
2**	4279.800	40.16	-4.52	54.0	13.84	AV	313.00	400	Horizontal	Pass
3	5701.400	101.86	-1.50	--	--	Peak	219.00	100	Horizontal	N/A
3**	5701.400	95.15	-1.50	--	--	AV	219.00	100	Horizontal	N/A
4	7313.087	49.83	-2.87	74.0	24.17	Peak	14.00	100	Horizontal	Pass
4**	7313.087	40.31	-2.87	54.0	13.69	AV	14.00	100	Horizontal	Pass
5	12322.487	54.28	1.42	74.0	19.72	Peak	79.00	100	Horizontal	Pass
5**	12322.487	43.91	1.42	54.0	10.09	AV	79.00	100	Horizontal	Pass
6	16132.575	55.70	1.04	74.0	18.30	Peak	88.00	100	Horizontal	Pass
6**	16132.575	45.52	1.04	54.0	8.48	AV	88.00	100	Horizontal	Pass

11a, U-NII-2C, 1 GHz to 18 GHz, High Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1603.800	38.35	-17.75	74.0	35.65	Peak	185.00	400	Vertical	Pass
1**	1603.800	29.02	-17.75	54.0	24.98	AV	185.00	400	Vertical	Pass
2	4207.400	49.47	-4.89	74.0	24.53	Peak	88.00	200	Vertical	Pass
2**	4207.400	39.49	-4.89	54.0	14.51	AV	88.00	200	Vertical	Pass
3	5701.400	105.43	-1.50	--	--	Peak	316.00	200	Vertical	N/A
3**	5701.400	98.36	-1.50	--	--	AV	316.00	200	Vertical	N/A
4	7271.400	49.56	-2.63	74.0	24.44	Peak	286.00	200	Vertical	Pass
4**	7271.400	39.66	-2.63	54.0	14.34	AV	286.00	200	Vertical	Pass
5	12333.700	53.14	1.36	74.0	20.86	Peak	0.00	150	Vertical	Pass
5**	12333.700	42.84	1.36	54.0	11.16	AV	0.00	150	Vertical	Pass
6	16155.938	55.78	0.93	74.0	18.22	Peak	218.00	300	Vertical	Pass
6**	16155.938	45.75	0.93	54.0	8.25	AV	218.00	300	Vertical	Pass

11n20, U-NII-2C, 1 GHz to 18 GHz, Low Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1554.400	38.78	-17.34	74.0	35.22	Peak	249.00	400	Horizontal	Pass
1**	1554.400	28.89	-17.34	54.0	25.11	AV	249.00	400	Horizontal	Pass
2	4280.200	49.23	-4.58	74.0	24.77	Peak	107.00	200	Horizontal	Pass
2**	4280.200	39.51	-4.58	54.0	14.49	AV	107.00	200	Horizontal	Pass
3	5498.800	103.81	-2.26	--	--	Peak	210.00	150	Horizontal	N/A
3**	5498.800	96.40	-2.26	--	--	AV	210.00	150	Horizontal	N/A
4	7396.463	49.60	-3.86	74.0	24.40	Peak	332.00	100	Horizontal	Pass
4**	7396.463	40.13	-3.86	54.0	13.87	AV	332.00	100	Horizontal	Pass
5	12365.325	52.77	1.21	74.0	21.23	Peak	222.00	200	Horizontal	Pass
5**	12365.325	43.65	1.21	54.0	10.35	AV	222.00	200	Horizontal	Pass
6	16076.401	56.18	1.57	74.0	17.82	Peak	234.00	200	Horizontal	Pass
6**	16076.401	46.22	1.57	54.0	7.78	AV	234.00	200	Horizontal	Pass

11n20, U-NII-2C, 1 GHz to 18 GHz, Low Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1622.000	38.83	-17.65	74.0	35.17	Peak	116.00	200	Vertical	Pass
1**	1622.000	28.75	-17.65	54.0	25.25	AV	116.00	200	Vertical	Pass
2	4359.200	49.45	-4.21	74.0	24.55	Peak	202.00	300	Vertical	Pass
2**	4359.200	39.43	-4.21	54.0	14.57	AV	202.00	300	Vertical	Pass
3	5498.200	105.42	-2.22	--	--	Peak	234.00	100	Vertical	N/A
3**	5498.200	97.55	-2.22	--	--	AV	234.00	100	Vertical	N/A
4	7344.425	50.13	-3.29	74.0	23.87	Peak	222.00	100	Vertical	Pass
4**	7344.425	40.48	-3.29	54.0	13.52	AV	222.00	100	Vertical	Pass
5	12274.187	52.90	1.59	74.0	21.10	Peak	333.00	150	Vertical	Pass
5**	12274.187	43.23	1.59	54.0	10.77	AV	333.00	150	Vertical	Pass
6	15853.275	55.47	1.24	74.0	18.53	Peak	201.00	300	Vertical	Pass
6**	15853.275	46.49	1.24	54.0	7.51	AV	201.00	300	Vertical	Pass

11n20, U-NII-2C, 1 GHz to 18 GHz, Middle Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1469.300	38.62	-17.48	74.0	35.38	Peak	162.00	400	Horizontal	Pass
1**	1469.300	29.24	-17.48	54.0	24.76	AV	162.00	400	Horizontal	Pass
2	4272.000	49.52	-4.40	74.0	24.48	Peak	275.00	400	Horizontal	Pass
2**	4272.000	39.84	-4.40	54.0	14.16	AV	275.00	400	Horizontal	Pass
3	5578.400	103.22	-1.99	--	--	Peak	214.00	200	Horizontal	N/A
3**	5578.400	95.96	-1.99	--	--	AV	214.00	200	Horizontal	N/A
4	7444.188	49.32	-3.88	74.0	24.68	Peak	284.00	300	Horizontal	Pass
4**	7444.188	40.22	-3.88	54.0	13.78	AV	284.00	300	Horizontal	Pass
5	12286.262	52.89	1.75	74.0	21.11	Peak	221.00	150	Horizontal	Pass
5**	12286.262	43.96	1.75	54.0	10.04	AV	221.00	150	Horizontal	Pass
6	15853.799	56.35	1.23	74.0	17.65	Peak	271.00	300	Horizontal	Pass
6**	15853.799	46.38	1.23	54.0	7.62	AV	271.00	300	Horizontal	Pass

11n20, U-NII-2C, 1 GHz to 18 GHz, Middle Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1606.500	38.54	-17.88	74.0	35.46	Peak	32.00	100	Vertical	Pass
1**	1606.500	29.06	-17.88	54.0	24.94	AV	32.00	100	Vertical	Pass
2	4382.600	49.16	-4.63	74.0	24.84	Peak	191.00	100	Vertical	Pass
2**	4382.600	40.43	-4.63	54.0	13.57	AV	191.00	100	Vertical	Pass
3	5581.400	105.55	-1.87	--	--	Peak	304.00	200	Vertical	N/A
3**	5581.400	98.07	-1.87	--	--	AV	304.00	200	Vertical	N/A
4	7436.425	49.12	-3.60	74.0	24.88	Peak	299.00	300	Vertical	Pass
4**	7436.425	39.85	-3.60	54.0	14.15	AV	299.00	300	Vertical	Pass
5	11951.901	53.23	1.31	74.0	20.77	Peak	189.00	200	Vertical	Pass
5**	11951.901	44.27	1.31	54.0	9.73	AV	189.00	200	Vertical	Pass
6	15671.099	55.97	1.45	74.0	18.03	Peak	179.00	200	Vertical	Pass
6**	15671.099	46.41	1.45	54.0	7.59	AV	179.00	200	Vertical	Pass

11n20, U-NII-2C, 1 GHz to 18 GHz, High Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1525.300	39.80	-17.40	74.0	34.20	Peak	89.00	400	Horizontal	Pass
1**	1525.300	28.29	-17.40	54.0	25.71	AV	89.00	400	Horizontal	Pass
2	4285.800	49.18	-4.95	74.0	24.82	Peak	168.00	200	Horizontal	Pass
2**	4285.800	39.92	-4.95	54.0	14.08	AV	168.00	200	Horizontal	Pass
3	5699.200	102.23	-1.47	--	--	Peak	221.00	150	Horizontal	N/A
3**	5699.200	94.63	-1.47	--	--	AV	221.00	150	Horizontal	N/A
4	7344.138	49.95	-3.28	74.0	24.05	Peak	360.00	100	Horizontal	Pass
4**	7344.138	41.16	-3.28	54.0	12.84	AV	360.00	100	Horizontal	Pass
5	12284.826	54.33	1.78	74.0	19.67	Peak	129.00	150	Horizontal	Pass
5**	12284.826	43.95	1.78	54.0	10.05	AV	129.00	150	Horizontal	Pass
6	16076.137	55.40	1.56	74.0	18.60	Peak	343.00	100	Horizontal	Pass
6**	16076.137	46.21	1.56	54.0	7.79	AV	343.00	100	Horizontal	Pass

11n20, U-NII-2C, 1 GHz to 18 GHz, High Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1609.000	38.63	-17.69	74.0	35.37	Peak	76.00	200	Vertical	Pass
1**	1609.000	29.09	-17.69	54.0	24.91	AV	76.00	200	Vertical	Pass
2	4169.800	49.58	-5.22	74.0	24.42	Peak	124.00	200	Vertical	Pass
2**	4169.800	39.72	-5.22	54.0	14.28	AV	124.00	200	Vertical	Pass
3	5701.400	104.89	-1.50	--	--	Peak	311.00	200	Vertical	N/A
3**	5701.400	97.56	-1.50	--	--	AV	311.00	200	Vertical	N/A
4	7343.563	49.84	-3.31	74.0	24.16	Peak	332.00	200	Vertical	Pass
4**	7343.563	40.69	-3.31	54.0	13.31	AV	332.00	200	Vertical	Pass
5	11961.675	52.65	0.90	74.0	21.35	Peak	348.00	150	Vertical	Pass
5**	11961.675	43.18	0.90	54.0	10.82	AV	348.00	150	Vertical	Pass
6	15788.438	56.12	1.94	74.0	17.88	Peak	360.00	400	Vertical	Pass
6**	15788.438	46.88	1.94	54.0	7.12	AV	360.00	400	Vertical	Pass

11n40, U-NII-2C, 1 GHz to 18 GHz, Low Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1494.700	38.61	-17.57	74.0	35.39	Peak	214.00	300	Horizontal	Pass
1**	1494.700	29.48	-17.57	54.0	24.52	AV	214.00	300	Horizontal	Pass
2	4385.400	49.22	-4.67	74.0	24.78	Peak	48.00	100	Horizontal	Pass
2**	4385.400	40.01	-4.67	54.0	13.99	AV	48.00	100	Horizontal	Pass
3	5512.600	100.51	-2.53	--	--	Peak	218.00	200	Horizontal	N/A
3**	5512.600	92.52	-2.53	--	--	AV	218.00	200	Horizontal	N/A
4	7448.787	49.62	-3.67	74.0	24.38	Peak	167.00	100	Horizontal	Pass
4**	7448.787	40.82	-3.67	54.0	13.18	AV	167.00	100	Horizontal	Pass
5	12229.625	53.18	1.30	74.0	20.82	Peak	360.00	150	Horizontal	Pass
5**	12229.625	43.48	1.30	54.0	10.52	AV	360.00	150	Horizontal	Pass
6	16126.276	56.46	0.86	74.0	17.54	Peak	204.00	100	Horizontal	Pass
6**	16126.276	45.63	0.86	54.0	8.37	AV	204.00	100	Horizontal	Pass

11n40, U-NII-2C, 1 GHz to 18 GHz, Low Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1519.300	38.29	-17.62	74.0	35.71	Peak	291.00	300	Vertical	Pass
1**	1519.300	28.43	-17.62	54.0	25.57	AV	291.00	300	Vertical	Pass
2	4352.200	49.52	-3.59	74.0	24.48	Peak	0.00	300	Vertical	Pass
2**	4352.200	40.92	-3.59	54.0	13.08	AV	0.00	300	Vertical	Pass
3	5506.600	102.19	-2.41	--	--	Peak	305.00	200	Vertical	N/A
3**	5506.600	94.72	-2.41	--	--	AV	305.00	200	Vertical	N/A
4	7355.062	50.44	-3.46	74.0	23.56	Peak	201.00	100	Vertical	Pass
4**	7355.062	40.73	-3.46	54.0	13.27	AV	201.00	100	Vertical	Pass
5	12222.437	53.54	1.26	74.0	20.46	Peak	89.00	150	Vertical	Pass
5**	12222.437	44.16	1.26	54.0	9.84	AV	89.00	150	Vertical	Pass
6	15801.037	55.62	2.32	74.0	18.38	Peak	33.00	100	Vertical	Pass
6**	15801.037	46.40	2.32	54.0	7.60	AV	33.00	100	Vertical	Pass

11n40, U-NII-2C, 1 GHz to 18 GHz, Middle Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1495.100	38.32	-17.51	74.0	35.68	Peak	277.00	100	Horizontal	Pass
1**	1495.100	29.15	-17.51	54.0	24.85	AV	277.00	100	Horizontal	Pass
2	4273.400	50.44	-4.38	74.0	23.56	Peak	243.00	300	Horizontal	Pass
2**	4273.400	40.08	-4.38	54.0	13.92	AV	243.00	300	Horizontal	Pass
3	5587.200	99.52	-1.81	--	--	Peak	213.00	150	Horizontal	N/A
3**	5587.200	92.28	-1.81	--	--	AV	213.00	150	Horizontal	N/A
4	7318.263	49.60	-3.29	74.0	24.40	Peak	300.00	100	Horizontal	Pass
4**	7318.263	40.69	-3.29	54.0	13.31	AV	300.00	100	Horizontal	Pass
5	11225.099	53.57	-0.22	74.0	20.43	Peak	51.00	100	Horizontal	Pass
5**	11225.099	42.61	-0.22	54.0	11.39	AV	51.00	100	Horizontal	Pass
6	15647.737	55.70	1.21	74.0	18.30	Peak	109.00	200	Horizontal	Pass
6**	15647.737	45.93	1.21	54.0	8.07	AV	109.00	200	Horizontal	Pass

11n40, U-NII-2C, 1 GHz to 18 GHz, Middle Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1487.400	38.88	-17.70	74.0	35.12	Peak	125.00	200	Vertical	Pass
1**	1487.400	28.98	-17.70	54.0	25.02	AV	125.00	200	Vertical	Pass
2	4395.400	49.36	-4.76	74.0	24.64	Peak	46.00	400	Vertical	Pass
2**	4395.400	39.97	-4.76	54.0	14.03	AV	46.00	400	Vertical	Pass
3	5592.600	102.53	-2.03	--	--	Peak	303.00	150	Vertical	N/A
3**	5592.600	95.53	-2.03	--	--	AV	303.00	150	Vertical	N/A
4	7719.037	49.15	-2.71	74.0	24.85	Peak	50.00	200	Vertical	Pass
4**	7719.037	39.70	-2.71	54.0	14.30	AV	50.00	200	Vertical	Pass
5	12396.951	53.15	1.59	74.0	20.85	Peak	271.00	200	Vertical	Pass
5**	12396.951	43.47	1.59	54.0	10.53	AV	271.00	200	Vertical	Pass
6	16078.500	55.63	1.61	74.0	18.37	Peak	233.00	300	Vertical	Pass
6**	16078.500	46.32	1.61	54.0	7.68	AV	233.00	300	Vertical	Pass

11n40, U-NII-2C, 1 GHz to 18 GHz, High Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1553.500	38.50	-17.31	74.0	35.50	Peak	28.00	100	Horizontal	Pass
1**	1553.500	29.20	-17.31	54.0	24.80	AV	28.00	100	Horizontal	Pass
2	4343.800	49.39	-4.22	74.0	24.61	Peak	182.00	300	Horizontal	Pass
2**	4343.800	40.11	-4.22	54.0	13.89	AV	182.00	300	Horizontal	Pass
3	5666.400	99.52	-2.26	--	--	Peak	213.00	100	Horizontal	N/A
3**	5666.400	91.57	-2.26	--	--	AV	213.00	100	Horizontal	N/A
4	7350.750	49.16	-3.40	74.0	24.84	Peak	65.00	300	Horizontal	Pass
4**	7350.750	40.24	-3.40	54.0	13.76	AV	65.00	300	Horizontal	Pass
5	12405.862	52.87	1.47	74.0	21.13	Peak	360.00	100	Horizontal	Pass
5**	12405.862	44.17	1.47	54.0	9.83	AV	360.00	100	Horizontal	Pass
6	15670.050	56.24	1.43	74.0	17.76	Peak	268.00	200	Horizontal	Pass
6**	15670.050	45.93	1.43	54.0	8.07	AV	268.00	200	Horizontal	Pass

11n40, U-NII-2C, 1 GHz to 18 GHz, High Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1497.300	38.65	-17.46	74.0	35.35	Peak	159.00	300	Vertical	Pass
1**	1497.300	29.24	-17.46	54.0	24.76	AV	159.00	300	Vertical	Pass
2	4360.000	49.38	-4.18	74.0	24.62	Peak	72.00	100	Vertical	Pass
2**	4360.000	40.36	-4.18	54.0	13.64	AV	72.00	100	Vertical	Pass
3	5667.000	102.29	-2.23	--	--	Peak	301.00	200	Vertical	N/A
3**	5667.000	94.82	-2.23	--	--	AV	301.00	200	Vertical	N/A
4	7345.575	49.76	-3.36	74.0	24.24	Peak	329.00	300	Vertical	Pass
4**	7345.575	40.58	-3.36	54.0	13.42	AV	329.00	300	Vertical	Pass
5	12281.375	53.14	1.80	74.0	20.86	Peak	360.00	200	Vertical	Pass
5**	12281.375	44.08	1.80	54.0	9.92	AV	360.00	200	Vertical	Pass
6	16092.675	55.70	1.38	74.0	18.30	Peak	234.00	400	Vertical	Pass
6**	16092.675	46.45	1.38	54.0	7.55	AV	234.00	400	Vertical	Pass

11ac20, U-NII-2C, 1 GHz to 18 GHz, Low Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1519.100	38.12	-17.60	74.0	35.88	Peak	188.00	300	Horizontal	Pass
1**	1519.100	28.68	-17.60	54.0	25.32	AV	188.00	300	Horizontal	Pass
2	4182.400	49.64	-5.03	74.0	24.36	Peak	243.00	100	Horizontal	Pass
2**	4182.400	39.03	-5.03	54.0	14.97	AV	243.00	100	Horizontal	Pass
3	5498.800	103.82	-2.26	--	--	Peak	223.00	150	Horizontal	N/A
3**	5498.800	95.99	-2.26	--	--	AV	223.00	150	Horizontal	N/A
4	7330.913	49.05	-3.79	74.0	24.95	Peak	187.00	200	Horizontal	Pass
4**	7330.913	39.63	-3.79	54.0	14.37	AV	187.00	200	Horizontal	Pass
5	12304.375	52.90	1.40	74.0	21.10	Peak	61.00	100	Horizontal	Pass
5**	12304.375	43.68	1.40	54.0	10.32	AV	61.00	100	Horizontal	Pass
6	15789.750	56.45	2.00	74.0	17.55	Peak	344.00	100	Horizontal	Pass
6**	15789.750	47.33	2.00	54.0	6.67	AV	344.00	100	Horizontal	Pass

11ac20, U-NII-2C, 1 GHz to 18 GHz, Low Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1499.500	38.38	-17.51	74.0	35.62	Peak	4.00	200	Vertical	Pass
1**	1499.500	29.51	-17.51	54.0	24.49	AV	4.00	200	Vertical	Pass
2	4380.800	49.66	-4.55	74.0	24.34	Peak	333.00	300	Vertical	Pass
2**	4380.800	40.46	-4.55	54.0	13.54	AV	333.00	300	Vertical	Pass
3	5501.000	105.30	-2.33	--	--	Peak	303.00	200	Vertical	N/A
3**	5501.000	98.12	-2.33	--	--	AV	303.00	200	Vertical	N/A
4	7438.725	49.53	-3.78	74.0	24.47	Peak	190.00	200	Vertical	Pass
4**	7438.725	39.68	-3.78	54.0	14.32	AV	190.00	200	Vertical	Pass
5	12607.112	52.62	1.91	74.0	21.38	Peak	174.00	200	Vertical	Pass
5**	12607.112	43.27	1.91	54.0	10.73	AV	174.00	200	Vertical	Pass
6	15825.450	55.68	1.63	74.0	18.32	Peak	360.00	400	Vertical	Pass
6**	15825.450	46.16	1.63	54.0	7.84	AV	360.00	400	Vertical	Pass

11ac20, U-NII-2C, 1 GHz to 18 GHz, Middle Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1596.700	38.33	-17.77	74.0	35.67	Peak	112.00	400	Horizontal	Pass
1**	1596.700	29.61	-17.77	54.0	24.39	AV	112.00	400	Horizontal	Pass
2	4233.400	49.49	-4.72	74.0	24.51	Peak	40.00	400	Horizontal	Pass
2**	4233.400	40.29	-4.72	54.0	13.71	AV	40.00	400	Horizontal	Pass
3	5581.400	102.91	-1.87	--	--	Peak	217.00	200	Horizontal	N/A
3**	5581.400	95.56	-1.87	--	--	AV	217.00	200	Horizontal	N/A
4	7693.737	48.86	-1.98	74.0	25.14	Peak	70.00	100	Horizontal	Pass
4**	7693.737	40.04	-1.98	54.0	13.96	AV	70.00	100	Horizontal	Pass
5	11942.412	52.96	1.62	74.0	21.04	Peak	18.00	150	Horizontal	Pass
5**	11942.412	43.79	1.62	54.0	10.21	AV	18.00	150	Horizontal	Pass
6	15616.500	55.98	1.53	74.0	18.02	Peak	139.00	400	Horizontal	Pass
6**	15616.500	46.25	1.53	54.0	7.75	AV	139.00	400	Horizontal	Pass

11ac20, U-NII-2C, 1 GHz to 18 GHz, Middle Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1584.900	38.31	-17.52	74.0	35.69	Peak	167.00	200	Vertical	Pass
1**	1584.900	29.23	-17.52	54.0	24.77	AV	167.00	200	Vertical	Pass
2	4354.600	49.01	-3.85	74.0	24.99	Peak	0.00	400	Vertical	Pass
2**	4354.600	40.52	-3.85	54.0	13.48	AV	0.00	400	Vertical	Pass
3	5578.400	105.06	-1.99	--	--	Peak	307.00	150	Vertical	N/A
3**	5578.400	97.77	-1.99	--	--	AV	307.00	150	Vertical	N/A
4	7393.013	49.14	-3.84	74.0	24.86	Peak	237.00	100	Vertical	Pass
4**	7393.013	39.73	-3.84	54.0	14.27	AV	237.00	100	Vertical	Pass
5	12238.825	53.05	1.09	74.0	20.95	Peak	237.00	100	Vertical	Pass
5**	12238.825	42.88	1.09	54.0	11.12	AV	237.00	100	Vertical	Pass
6	15489.713	55.61	0.94	74.0	18.39	Peak	57.00	200	Vertical	Pass
6**	15489.713	46.42	0.94	54.0	7.58	AV	57.00	200	Vertical	Pass

11ac20, U-NII-2C, 1 GHz to 18 GHz, High Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1548.900	38.37	-17.49	74.0	35.63	Peak	219.00	100	Horizontal	Pass
1**	1548.900	28.44	-17.49	54.0	25.56	AV	219.00	100	Horizontal	Pass
2	4281.600	49.62	-4.85	74.0	24.38	Peak	250.00	300	Horizontal	Pass
2**	4281.600	40.29	-4.85	54.0	13.71	AV	250.00	300	Horizontal	Pass
3	5696.800	102.14	-1.56	--	--	Peak	216.00	100	Horizontal	N/A
3**	5696.800	93.73	-1.56	--	--	AV	216.00	100	Horizontal	N/A
4	7325.737	49.20	-3.69	74.0	24.80	Peak	122.00	300	Horizontal	Pass
4**	7325.737	40.35	-3.69	54.0	13.65	AV	122.00	300	Horizontal	Pass
5	12287.700	53.55	1.72	74.0	20.45	Peak	344.00	100	Horizontal	Pass
5**	12287.700	43.50	1.72	54.0	10.50	AV	344.00	100	Horizontal	Pass
6	15814.688	55.67	2.07	74.0	18.33	Peak	200.00	100	Horizontal	Pass
6**	15814.688	46.11	2.07	54.0	7.89	AV	200.00	100	Horizontal	Pass

11ac20, U-NII-2C, 1 GHz to 18 GHz, High Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1586.700	38.14	-17.65	74.0	35.86	Peak	163.00	100	Vertical	Pass
1**	1586.700	29.01	-17.65	54.0	24.99	AV	163.00	100	Vertical	Pass
2	4194.400	49.29	-4.65	74.0	24.71	Peak	199.00	400	Vertical	Pass
2**	4194.400	39.96	-4.65	54.0	14.04	AV	199.00	400	Vertical	Pass
3	5701.200	104.47	-1.50	--	--	Peak	311.00	200	Vertical	N/A
3**	5701.200	97.99	-1.50	--	--	AV	311.00	200	Vertical	N/A
4	7333.788	49.29	-3.66	74.0	24.71	Peak	31.00	100	Vertical	Pass
4**	7333.788	40.48	-3.66	54.0	13.52	AV	31.00	100	Vertical	Pass
5	12226.175	53.38	1.31	74.0	20.62	Peak	328.00	150	Vertical	Pass
5**	12226.175	44.54	1.31	54.0	9.46	AV	328.00	150	Vertical	Pass
6	15815.213	55.71	2.05	74.0	18.29	Peak	203.00	200	Vertical	Pass
6**	15815.213	46.62	2.05	54.0	7.38	AV	203.00	200	Vertical	Pass

11ac40, U-NII-2C, 1 GHz to 18 GHz, Low Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1495.900	38.25	-17.41	74.0	35.75	Peak	146.00	300	Horizontal	Pass
1**	1495.900	29.29	-17.41	54.0	24.71	AV	146.00	300	Horizontal	Pass
2	4361.600	49.06	-4.36	74.0	24.94	Peak	353.00	200	Horizontal	Pass
2**	4361.600	41.19	-4.36	54.0	12.81	AV	353.00	200	Horizontal	Pass
3	5507.200	100.94	-2.45	--	--	Peak	209.00	200	Horizontal	N/A
3**	5507.200	92.99	-2.45	--	--	AV	209.00	200	Horizontal	N/A
4	7313.950	49.10	-3.02	74.0	24.90	Peak	114.00	200	Horizontal	Pass
4**	7313.950	40.03	-3.02	54.0	13.97	AV	114.00	200	Horizontal	Pass
5	12282.812	53.46	1.79	74.0	20.54	Peak	360.00	200	Horizontal	Pass
5**	12282.812	44.96	1.79	54.0	9.04	AV	360.00	200	Horizontal	Pass
6	15824.925	55.92	1.64	74.0	18.08	Peak	78.00	200	Horizontal	Pass
6**	15824.925	46.54	1.64	54.0	7.46	AV	78.00	200	Horizontal	Pass

11ac40, U-NII-2C, 1 GHz to 18 GHz, Low Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1564.200	38.54	-17.52	74.0	35.46	Peak	90.00	200	Vertical	Pass
1**	1564.200	29.04	-17.52	54.0	24.96	AV	90.00	200	Vertical	Pass
2	4353.400	49.57	-3.73	74.0	24.43	Peak	123.00	200	Vertical	Pass
2**	4353.400	40.37	-3.73	54.0	13.63	AV	123.00	200	Vertical	Pass
3	5511.600	102.35	-2.50	--	--	Peak	302.00	100	Vertical	N/A
3**	5511.600	94.70	-2.50	--	--	AV	302.00	100	Vertical	N/A
4	7346.725	49.44	-3.32	74.0	24.56	Peak	214.00	400	Vertical	Pass
4**	7346.725	40.14	-3.32	54.0	13.86	AV	214.00	400	Vertical	Pass
5	12247.451	52.65	0.98	74.0	21.35	Peak	232.00	200	Vertical	Pass
5**	12247.451	43.97	0.98	54.0	10.03	AV	232.00	200	Vertical	Pass
6	15672.150	56.14	1.47	74.0	17.86	Peak	0.00	400	Vertical	Pass
6**	15672.150	46.68	1.47	54.0	7.32	AV	0.00	400	Vertical	Pass

11ac40, U-NII-2C, 1 GHz to 18 GHz, Middle Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1581.700	38.41	-17.32	74.0	35.59	Peak	124.00	100	Horizontal	Pass
1**	1581.700	29.49	-17.32	54.0	24.51	AV	124.00	100	Horizontal	Pass
2	4386.000	50.42	-4.68	74.0	23.58	Peak	297.00	200	Horizontal	Pass
2**	4386.000	40.31	-4.68	54.0	13.69	AV	297.00	200	Horizontal	Pass
3	5584.800	99.88	-1.94	--	--	Peak	215.00	200	Horizontal	N/A
3**	5584.800	91.53	-1.94	--	--	AV	215.00	200	Horizontal	N/A
4	7515.775	49.47	-3.16	74.0	24.53	Peak	0.00	300	Horizontal	Pass
4**	7515.775	39.96	-3.16	54.0	14.04	AV	0.00	300	Horizontal	Pass
5	11623.000	52.57	-0.09	74.0	21.43	Peak	308.00	100	Horizontal	Pass
5**	11623.000	42.98	-0.09	54.0	11.02	AV	308.00	100	Horizontal	Pass
6	15803.662	55.59	2.29	74.0	18.41	Peak	99.00	400	Horizontal	Pass
6**	15803.662	46.21	2.29	54.0	7.79	AV	99.00	400	Horizontal	Pass

11ac40, U-NII-2C, 1 GHz to 18 GHz, Middle Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1521.500	38.68	-17.44	74.0	35.32	Peak	243.00	100	Vertical	Pass
1**	1521.500	28.83	-17.44	54.0	25.17	AV	243.00	100	Vertical	Pass
2	4350.400	49.34	-3.70	74.0	24.66	Peak	0.00	400	Vertical	Pass
2**	4350.400	40.23	-3.70	54.0	13.77	AV	0.00	400	Vertical	Pass
3	5587.600	102.52	-1.86	--	--	Peak	308.00	200	Vertical	N/A
3**	5587.600	95.07	-1.86	--	--	AV	308.00	200	Vertical	N/A
4	7556.313	49.44	-3.40	74.0	24.56	Peak	328.00	400	Vertical	Pass
4**	7556.313	39.50	-3.40	54.0	14.50	AV	328.00	400	Vertical	Pass
5	12056.838	52.78	0.99	74.0	21.22	Peak	276.00	100	Vertical	Pass
5**	12056.838	42.77	0.99	54.0	11.23	AV	276.00	100	Vertical	Pass
6	15499.950	55.47	1.16	74.0	18.53	Peak	221.00	400	Vertical	Pass
6**	15499.950	45.92	1.16	54.0	8.08	AV	221.00	400	Vertical	Pass

11ac40, U-NII-2C, 1 GHz to 18 GHz, High Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1583.200	38.44	-17.44	74.0	35.56	Peak	170.00	400	Horizontal	Pass
1**	1583.200	29.73	-17.44	54.0	24.27	AV	170.00	400	Horizontal	Pass
2	4378.000	49.42	-4.58	74.0	24.58	Peak	346.00	200	Horizontal	Pass
2**	4378.000	41.15	-4.58	54.0	12.85	AV	346.00	200	Horizontal	Pass
3	5667.800	99.16	-2.22	--	--	Peak	218.00	100	Horizontal	N/A
3**	5667.800	91.32	-2.22	--	--	AV	218.00	100	Horizontal	N/A
4	7488.175	50.13	-3.48	74.0	23.87	Peak	329.00	300	Horizontal	Pass
4**	7488.175	39.33	-3.48	54.0	14.67	AV	329.00	300	Horizontal	Pass
5	11336.362	52.79	0.33	74.0	21.21	Peak	203.00	100	Horizontal	Pass
5**	11336.362	43.22	0.33	54.0	10.78	AV	203.00	100	Horizontal	Pass
6	15995.550	55.91	0.23	74.0	18.09	Peak	98.00	300	Horizontal	Pass
6**	15995.550	45.55	0.23	54.0	8.45	AV	98.00	300	Horizontal	Pass

11ac40, U-NII-2C, 1 GHz to 18 GHz, High Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1585.000	39.25	-17.53	74.0	34.75	Peak	338.00	400	Vertical	Pass
1**	1585.000	29.24	-17.53	54.0	24.76	AV	338.00	400	Vertical	Pass
2	4379.000	49.27	-4.53	74.0	24.73	Peak	220.00	300	Vertical	Pass
2**	4379.000	40.30	-4.53	54.0	13.70	AV	220.00	300	Vertical	Pass
3	5666.800	101.98	-2.24	--	--	Peak	303.00	150	Vertical	N/A
3**	5666.800	94.46	-2.24	--	--	AV	303.00	150	Vertical	N/A
4	7257.600	49.42	-2.91	74.0	24.58	Peak	47.00	200	Vertical	Pass
4**	7257.600	39.67	-2.91	54.0	14.33	AV	47.00	200	Vertical	Pass
5	12329.099	52.93	1.42	74.0	21.07	Peak	312.00	150	Vertical	Pass
5**	12329.099	43.04	1.42	54.0	10.96	AV	312.00	150	Vertical	Pass
6	15813.375	55.81	2.09	74.0	18.19	Peak	0.00	100	Vertical	Pass
6**	15813.375	45.98	2.09	54.0	8.02	AV	0.00	100	Vertical	Pass

11ac80, U-NII-2C, 1 GHz to 18 GHz, Low Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1527.700	38.14	-17.43	74.0	35.86	Peak	277.00	200	Horizontal	Pass
1**	1527.700	28.27	-17.43	54.0	25.73	AV	277.00	200	Horizontal	Pass
2	4372.000	49.88	-4.33	74.0	24.12	Peak	198.00	100	Horizontal	Pass
2**	4372.000	40.26	-4.33	54.0	13.74	AV	198.00	100	Horizontal	Pass
3	5536.800	97.59	-1.55	--	--	Peak	209.00	200	Horizontal	N/A
3**	5536.800	90.08	-1.55	--	--	AV	209.00	200	Horizontal	N/A
4	7727.663	49.56	-3.06	74.0	24.44	Peak	311.00	200	Horizontal	Pass
4**	7727.663	39.99	-3.06	54.0	14.01	AV	311.00	200	Horizontal	Pass
5	12607.112	53.61	1.91	74.0	20.39	Peak	276.00	200	Horizontal	Pass
5**	12607.112	43.52	1.91	54.0	10.48	AV	276.00	200	Horizontal	Pass
6	15849.862	55.88	1.33	74.0	18.12	Peak	17.00	100	Horizontal	Pass
6**	15849.862	46.91	1.33	54.0	7.09	AV	17.00	100	Horizontal	Pass

11ac80, U-NII-2C, 1 GHz to 18 GHz, Low Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1503.000	38.57	-17.44	74.0	35.43	Peak	76.00	200	Vertical	Pass
1**	1503.000	28.87	-17.44	54.0	25.13	AV	76.00	200	Vertical	Pass
2	4382.000	49.74	-4.62	74.0	24.26	Peak	133.00	300	Vertical	Pass
2**	4382.000	40.02	-4.62	54.0	13.98	AV	133.00	300	Vertical	Pass
3	5543.200	100.46	-1.53	--	--	Peak	299.00	200	Vertical	N/A
3**	5543.200	92.31	-1.53	--	--	AV	299.00	200	Vertical	N/A
4	7334.362	49.29	-3.52	74.0	24.71	Peak	25.00	300	Vertical	Pass
4**	7334.362	40.02	-3.52	54.0	13.98	AV	25.00	300	Vertical	Pass
5	12288.275	53.18	1.70	74.0	20.82	Peak	177.00	200	Vertical	Pass
5**	12288.275	43.68	1.70	54.0	10.32	AV	177.00	200	Vertical	Pass
6	15383.137	55.99	0.28	74.0	18.01	Peak	238.00	200	Vertical	Pass
6**	15383.137	46.06	0.28	54.0	7.94	AV	238.00	200	Vertical	Pass

11ac80, U-NII-2C, 1 GHz to 18 GHz, High Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1505.300	39.08	-17.45	74.0	34.92	Peak	0.00	300	Horizontal	Pass
1**	1505.300	28.95	-17.45	54.0	25.05	AV	0.00	300	Horizontal	Pass
2	4371.600	49.14	-4.23	74.0	24.86	Peak	332.00	200	Horizontal	Pass
2**	4371.600	39.80	-4.23	54.0	14.20	AV	332.00	200	Horizontal	Pass
3	5616.000	97.77	-2.26	--	--	Peak	217.00	200	Horizontal	N/A
3**	5616.000	89.59	-2.26	--	--	AV	217.00	200	Horizontal	N/A
4	7354.775	50.07	-3.44	74.0	23.93	Peak	345.00	100	Horizontal	Pass
4**	7354.775	40.66	-3.44	54.0	13.34	AV	345.00	100	Horizontal	Pass
5	10940.188	53.04	-0.06	74.0	20.96	Peak	92.00	150	Horizontal	Pass
5**	10940.188	42.97	-0.06	54.0	11.03	AV	92.00	150	Horizontal	Pass
6	15803.400	55.45	2.29	74.0	18.55	Peak	140.00	300	Horizontal	Pass
6**	15803.400	46.64	2.29	54.0	7.36	AV	140.00	300	Horizontal	Pass

11ac80, U-NII-2C, 1 GHz to 18 GHz, High Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1468.600	39.23	-17.51	74.0	34.77	Peak	118.00	300	Vertical	Pass
1**	1468.600	28.76	-17.51	54.0	25.24	AV	118.00	300	Vertical	Pass
2	4371.200	49.78	-4.16	74.0	24.22	Peak	317.00	300	Vertical	Pass
2**	4371.200	40.35	-4.16	54.0	13.65	AV	317.00	300	Vertical	Pass
3	5616.400	99.51	-2.26	--	--	Peak	293.00	100	Vertical	N/A
3**	5616.400	91.99	-2.26	--	--	AV	293.00	100	Vertical	N/A
4	7343.275	49.67	-3.33	74.0	24.33	Peak	231.00	100	Vertical	Pass
4**	7343.275	40.41	-3.33	54.0	13.59	AV	231.00	100	Vertical	Pass
5	11919.988	53.05	1.50	74.0	20.95	Peak	28.00	200	Vertical	Pass
5**	11919.988	43.58	1.50	54.0	10.42	AV	28.00	200	Vertical	Pass
6	16107.112	56.04	0.89	74.0	17.96	Peak	360.00	100	Vertical	Pass
6**	16107.112	47.02	0.89	54.0	6.98	AV	360.00	100	Vertical	Pass

11a, U-NII-3, 1 GHz to 18 GHz, Low Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1480.600	39.01	-17.63	74.0	34.99	Peak	171.00	200	Horizontal	Pass
1**	1480.600	29.14	-17.63	54.0	24.86	AV	171.00	200	Horizontal	Pass
2	4344.000	48.86	-4.21	74.0	25.14	Peak	0.00	100	Horizontal	Pass
2**	4344.000	40.19	-4.21	54.0	13.81	AV	0.00	100	Horizontal	Pass
3	5743.400	102.24	-2.11	--	--	Peak	222.00	100	Horizontal	N/A
3**	5743.400	94.71	-2.11	--	--	AV	222.00	100	Horizontal	N/A
4	7344.138	49.82	-3.28	74.0	24.18	Peak	91.00	300	Horizontal	Pass
4**	7344.138	41.03	-3.28	54.0	12.97	AV	91.00	300	Horizontal	Pass
5	12215.537	53.19	1.19	74.0	20.81	Peak	217.00	100	Horizontal	Pass
5**	12215.537	43.34	1.19	54.0	10.66	AV	217.00	100	Horizontal	Pass
6	15807.337	55.63	2.22	74.0	18.37	Peak	321.00	200	Horizontal	Pass
6**	15807.337	45.80	2.22	54.0	8.20	AV	321.00	200	Horizontal	Pass

11a, U-NII-3, 1 GHz to 18 GHz, Low Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1486.200	38.59	-17.61	74.0	35.41	Peak	164.00	400	Vertical	Pass
1**	1486.200	28.58	-17.61	54.0	25.42	AV	164.00	400	Vertical	Pass
2	4361.400	50.05	-4.32	74.0	23.95	Peak	196.00	200	Vertical	Pass
2**	4361.400	40.68	-4.32	54.0	13.32	AV	196.00	200	Vertical	Pass
3	5743.200	106.25	-2.09	--	--	Peak	312.00	150	Vertical	N/A
3**	5743.200	99.01	-2.09	--	--	AV	312.00	150	Vertical	N/A
4	7684.250	49.37	-2.32	74.0	24.63	Peak	269.00	300	Vertical	Pass
4**	7684.250	40.50	-2.32	54.0	13.50	AV	269.00	300	Vertical	Pass
5	11495.063	54.03	0.05	74.0	19.97	Peak	308.00	150	Vertical	Pass
5**	11495.063	45.08	0.05	54.0	8.92	AV	308.00	150	Vertical	Pass
6	15839.887	56.64	1.45	74.0	17.36	Peak	183.00	100	Vertical	Pass
6**	15839.887	46.28	1.45	54.0	7.72	AV	183.00	100	Vertical	Pass

11a, U-NII-3, 1 GHz to 18 GHz, Middle Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1475.200	38.61	-17.63	74.0	35.39	Peak	360.00	300	Horizontal	Pass
1**	1475.200	28.43	-17.63	54.0	25.57	AV	360.00	300	Horizontal	Pass
2	4188.600	49.59	-4.91	74.0	24.41	Peak	88.00	400	Horizontal	Pass
2**	4188.600	39.61	-4.91	54.0	14.39	AV	88.00	400	Horizontal	Pass
3	5782.800	101.62	-1.92	--	--	Peak	294.00	100	Horizontal	N/A
3**	5782.800	94.83	-1.92	--	--	AV	294.00	100	Horizontal	N/A
4	7657.512	49.63	-2.50	74.0	24.37	Peak	219.00	100	Horizontal	Pass
4**	7657.512	39.26	-2.50	54.0	14.74	AV	219.00	100	Horizontal	Pass
5	11568.950	53.22	-0.40	74.0	20.78	Peak	274.00	200	Horizontal	Pass
5**	11568.950	44.90	-0.40	54.0	9.10	AV	274.00	200	Horizontal	Pass
6	15789.750	56.61	2.00	74.0	17.39	Peak	235.00	400	Horizontal	Pass
6**	15789.750	46.31	2.00	54.0	7.69	AV	235.00	400	Horizontal	Pass

11a, U-NII-3, 1 GHz to 18 GHz, Middle Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1556.600	38.62	-17.37	74.0	35.38	Peak	18.00	200	Vertical	Pass
1**	1556.600	29.21	-17.37	54.0	24.79	AV	18.00	200	Vertical	Pass
2	4348.000	49.60	-3.90	74.0	24.40	Peak	0.00	100	Vertical	Pass
2**	4348.000	40.25	-3.90	54.0	13.75	AV	0.00	100	Vertical	Pass
3	5783.800	106.04	-2.05	--	--	Peak	307.00	150	Vertical	N/A
3**	5783.800	98.20	-2.05	--	--	AV	307.00	150	Vertical	N/A
4	7265.362	49.26	-2.40	74.0	24.74	Peak	37.00	300	Vertical	Pass
4**	7265.362	39.19	-2.40	54.0	14.81	AV	37.00	300	Vertical	Pass
5	12276.775	52.81	1.68	74.0	21.19	Peak	276.00	150	Vertical	Pass
5**	12276.775	43.34	1.68	54.0	10.66	AV	276.00	150	Vertical	Pass
6	15801.825	55.91	2.31	74.0	18.09	Peak	157.00	100	Vertical	Pass
6**	15801.825	46.53	2.31	54.0	7.47	AV	157.00	100	Vertical	Pass

11a, U-NII-3, 1 GHz to 18 GHz, High Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1538.200	38.93	-17.34	74.0	35.07	Peak	351.00	100	Horizontal	Pass
1**	1538.200	28.75	-17.34	54.0	25.25	AV	351.00	100	Horizontal	Pass
2	4396.600	49.25	-4.83	74.0	24.75	Peak	322.00	400	Horizontal	Pass
2**	4396.600	40.37	-4.83	54.0	13.63	AV	322.00	400	Horizontal	Pass
3	5827.200	102.37	-2.29	--	--	Peak	289.00	200	Horizontal	N/A
3**	5827.200	95.03	-2.29	--	--	AV	289.00	200	Horizontal	N/A
4	7621.862	49.33	-2.99	74.0	24.67	Peak	11.00	300	Horizontal	Pass
4**	7621.862	40.01	-2.99	54.0	13.99	AV	11.00	300	Horizontal	Pass
5	11824.538	53.25	1.13	74.0	20.75	Peak	0.00	100	Horizontal	Pass
5**	11824.538	42.70	1.13	54.0	11.30	AV	0.00	100	Horizontal	Pass
6	15828.338	56.49	1.54	74.0	17.51	Peak	360.00	300	Horizontal	Pass
6**	15828.338	46.22	1.54	54.0	7.78	AV	360.00	300	Horizontal	Pass

11a, U-NII-3, 1 GHz to 18 GHz, High Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1526.300	39.21	-17.44	74.0	34.79	Peak	129.00	400	Vertical	Pass
1**	1526.300	28.53	-17.44	54.0	25.47	AV	129.00	400	Vertical	Pass
2	4361.200	49.29	-4.28	74.0	24.71	Peak	56.00	100	Vertical	Pass
2**	4361.200	39.97	-4.28	54.0	14.03	AV	56.00	100	Vertical	Pass
3	5824.000	106.19	-2.19	--	--	Peak	324.00	100	Vertical	N/A
3**	5824.000	99.04	-2.19	--	--	AV	324.00	100	Vertical	N/A
4	7680.225	49.76	-2.58	74.0	24.24	Peak	169.00	200	Vertical	Pass
4**	7680.225	40.23	-2.58	54.0	13.77	AV	169.00	200	Vertical	Pass
5	12221.287	52.66	1.25	74.0	21.34	Peak	169.00	150	Vertical	Pass
5**	12221.287	44.13	1.25	54.0	9.87	AV	169.00	150	Vertical	Pass
6	15803.400	55.74	2.29	74.0	18.26	Peak	57.00	300	Vertical	Pass
6**	15803.400	47.06	2.29	54.0	6.94	AV	57.00	300	Vertical	Pass

11n20, U-NII-3, 1 GHz to 18 GHz, Low Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1554.800	38.26	-17.35	74.0	35.74	Peak	190.00	100	Horizontal	Pass
1**	1554.800	28.76	-17.35	54.0	25.24	AV	190.00	100	Horizontal	Pass
2	4371.000	49.33	-4.21	74.0	24.67	Peak	79.00	300	Horizontal	Pass
2**	4371.000	40.30	-4.21	54.0	13.70	AV	79.00	300	Horizontal	Pass
3	5746.400	102.34	-2.21	--	--	Peak	215.00	150	Horizontal	N/A
3**	5746.400	94.82	-2.21	--	--	AV	215.00	150	Horizontal	N/A
4	7302.450	50.17	-2.72	74.0	23.83	Peak	291.00	300	Horizontal	Pass
4**	7302.450	39.77	-2.72	54.0	14.23	AV	291.00	300	Horizontal	Pass
5	12276.775	52.57	1.68	74.0	21.43	Peak	219.00	200	Horizontal	Pass
5**	12276.775	43.88	1.68	54.0	10.12	AV	219.00	200	Horizontal	Pass
6	15810.750	55.32	2.15	74.0	18.68	Peak	360.00	200	Horizontal	Pass
6**	15810.750	46.81	2.15	54.0	7.19	AV	360.00	200	Horizontal	Pass

11n20, U-NII-3, 1 GHz to 18 GHz, Low Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1494.600	38.60	-17.58	74.0	35.40	Peak	317.00	400	Vertical	Pass
1**	1494.600	28.75	-17.58	54.0	25.25	AV	317.00	400	Vertical	Pass
2	4349.600	49.70	-3.76	74.0	24.30	Peak	360.00	300	Vertical	Pass
2**	4349.600	39.84	-3.76	54.0	14.16	AV	360.00	300	Vertical	Pass
3	5743.600	105.36	-2.14	--	--	Peak	310.00	200	Vertical	N/A
3**	5743.600	98.32	-2.14	--	--	AV	310.00	200	Vertical	N/A
4	7608.062	49.04	-3.01	74.0	24.96	Peak	345.00	300	Vertical	Pass
4**	7608.062	39.48	-3.01	54.0	14.52	AV	345.00	300	Vertical	Pass
5	12283.963	52.69	1.78	74.0	21.31	Peak	138.00	100	Vertical	Pass
5**	12283.963	44.33	1.78	54.0	9.67	AV	138.00	100	Vertical	Pass
6	15851.700	56.33	1.28	74.0	17.67	Peak	120.00	400	Vertical	Pass
6**	15851.700	46.85	1.28	54.0	7.15	AV	120.00	400	Vertical	Pass

11n20, U-NII-3, 1 GHz to 18 GHz, Middle Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1527.000	38.22	-17.44	74.0	35.78	Peak	19.00	200	Horizontal	Pass
1**	1527.000	29.15	-17.44	54.0	24.85	AV	19.00	200	Horizontal	Pass
2	4392.000	49.05	-4.73	74.0	24.95	Peak	201.00	300	Horizontal	Pass
2**	4392.000	39.56	-4.73	54.0	14.44	AV	201.00	300	Horizontal	Pass
3	5786.200	101.95	-2.27	--	--	Peak	224.00	100	Horizontal	N/A
3**	5786.200	94.75	-2.27	--	--	AV	224.00	100	Horizontal	N/A
4	7489.325	50.11	-3.53	74.0	23.89	Peak	0.00	100	Horizontal	Pass
4**	7489.325	38.90	-3.53	54.0	15.10	AV	0.00	100	Horizontal	Pass
5	11751.800	53.36	0.97	74.0	20.64	Peak	0.00	100	Horizontal	Pass
5**	11751.800	42.63	0.97	54.0	11.37	AV	0.00	100	Horizontal	Pass
6	16134.938	56.14	1.07	74.0	17.86	Peak	272.00	100	Horizontal	Pass
6**	16134.938	45.70	1.07	54.0	8.30	AV	272.00	100	Horizontal	Pass

11n20, U-NII-3, 1 GHz to 18 GHz, Middle Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1598.900	38.22	-17.86	74.0	35.78	Peak	60.00	400	Vertical	Pass
1**	1598.900	28.85	-17.86	54.0	25.15	AV	60.00	400	Vertical	Pass
2	4290.200	49.33	-5.25	74.0	24.67	Peak	228.00	300	Vertical	Pass
2**	4290.200	38.89	-5.25	54.0	15.11	AV	228.00	300	Vertical	Pass
3	5786.600	105.75	-2.30	--	--	Peak	306.00	150	Vertical	N/A
3**	5786.600	99.13	-2.30	--	--	AV	306.00	150	Vertical	N/A
4	7403.650	49.16	-3.84	74.0	24.84	Peak	186.00	300	Vertical	Pass
4**	7403.650	40.50	-3.84	54.0	13.50	AV	186.00	300	Vertical	Pass
5	12247.162	53.14	0.99	74.0	20.86	Peak	257.00	200	Vertical	Pass
5**	12247.162	44.53	0.99	54.0	9.47	AV	257.00	200	Vertical	Pass
6	15633.037	56.11	1.61	74.0	17.89	Peak	293.00	200	Vertical	Pass
6**	15633.037	46.88	1.61	54.0	7.12	AV	293.00	200	Vertical	Pass

11n20, U-NII-3, 1 GHz to 18 GHz, High Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1446.000	38.33	-17.21	74.0	35.67	Peak	97.00	200	Horizontal	Pass
1**	1446.000	29.35	-17.21	54.0	24.65	AV	97.00	200	Horizontal	Pass
2	4352.400	49.28	-3.62	74.0	24.72	Peak	266.00	300	Horizontal	Pass
2**	4352.400	40.63	-3.62	54.0	13.37	AV	266.00	300	Horizontal	Pass
3	5823.400	101.97	-2.20	--	--	Peak	289.00	100	Horizontal	N/A
3**	5823.400	94.98	-2.20	--	--	AV	289.00	100	Horizontal	N/A
4	7653.775	48.99	-2.58	74.0	25.01	Peak	155.00	100	Horizontal	Pass
4**	7653.775	40.00	-2.58	54.0	14.00	AV	155.00	100	Horizontal	Pass
5	11662.963	53.28	0.15	74.0	20.72	Peak	96.00	200	Horizontal	Pass
5**	11662.963	44.07	0.15	54.0	9.93	AV	96.00	200	Horizontal	Pass
6	15528.563	55.73	1.19	74.0	18.27	Peak	360.00	300	Horizontal	Pass
6**	15528.563	46.03	1.19	54.0	7.97	AV	360.00	300	Horizontal	Pass

11n20, U-NII-3, 1 GHz to 18 GHz, High Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1590.800	39.03	-17.72	74.0	34.97	Peak	141.00	100	Vertical	Pass
1**	1590.800	28.48	-17.72	54.0	25.52	AV	141.00	100	Vertical	Pass
2	4351.000	49.70	-3.66	74.0	24.30	Peak	360.00	300	Vertical	Pass
2**	4351.000	40.58	-3.66	54.0	13.42	AV	360.00	300	Vertical	Pass
3	5826.000	106.60	-2.27	--	--	Peak	323.00	150	Vertical	N/A
3**	5826.000	99.10	-2.27	--	--	AV	323.00	150	Vertical	N/A
4	7391.000	49.76	-3.80	74.0	24.24	Peak	47.00	300	Vertical	Pass
4**	7391.000	39.93	-3.80	54.0	14.07	AV	47.00	300	Vertical	Pass
5	12298.050	53.33	1.51	74.0	20.67	Peak	83.00	150	Vertical	Pass
5**	12298.050	43.91	1.51	54.0	10.09	AV	83.00	150	Vertical	Pass
6	15848.813	55.36	1.34	74.0	18.64	Peak	220.00	400	Vertical	Pass
6**	15848.813	46.44	1.34	54.0	7.56	AV	220.00	400	Vertical	Pass

11n40, U-NII-3, 1 GHz to 18 GHz, Low Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1500.300	38.30	-17.47	74.0	35.70	Peak	118.00	100	Horizontal	Pass
1**	1500.300	28.49	-17.47	54.0	25.51	AV	118.00	100	Horizontal	Pass
2	4351.200	49.21	-3.65	74.0	24.79	Peak	122.00	300	Horizontal	Pass
2**	4351.200	40.69	-3.65	54.0	13.31	AV	122.00	300	Horizontal	Pass
3	5751.800	99.71	-2.08	--	--	Peak	216.00	150	Horizontal	N/A
3**	5751.800	92.21	-2.08	--	--	AV	216.00	150	Horizontal	N/A
4	7353.050	49.70	-3.53	74.0	24.30	Peak	134.00	400	Horizontal	Pass
4**	7353.050	40.09	-3.53	54.0	13.91	AV	134.00	400	Horizontal	Pass
5	12278.213	53.01	1.74	74.0	20.99	Peak	0.00	200	Horizontal	Pass
5**	12278.213	43.82	1.74	54.0	10.18	AV	0.00	200	Horizontal	Pass
6	16178.513	56.25	1.45	74.0	17.75	Peak	158.00	400	Horizontal	Pass
6**	16178.513	45.81	1.45	54.0	8.19	AV	158.00	400	Horizontal	Pass

11n40, U-NII-3, 1 GHz to 18 GHz, Low Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1552.500	38.70	-17.38	74.0	35.30	Peak	172.00	200	Vertical	Pass
1**	1552.500	28.85	-17.38	54.0	25.15	AV	172.00	200	Vertical	Pass
2	4148.800	49.15	-5.02	74.0	24.85	Peak	28.00	300	Vertical	Pass
2**	4148.800	39.53	-5.02	54.0	14.47	AV	28.00	300	Vertical	Pass
3	5752.200	103.13	-2.09	--	--	Peak	319.00	150	Vertical	N/A
3**	5752.200	95.58	-2.09	--	--	AV	319.00	150	Vertical	N/A
4	7335.800	49.19	-3.24	74.0	24.81	Peak	251.00	400	Vertical	Pass
4**	7335.800	40.60	-3.24	54.0	13.40	AV	251.00	400	Vertical	Pass
5	12278.213	53.04	1.74	74.0	20.96	Peak	360.00	100	Vertical	Pass
5**	12278.213	44.33	1.74	54.0	9.67	AV	360.00	100	Vertical	Pass
6	16101.075	56.10	1.15	74.0	17.90	Peak	71.00	100	Vertical	Pass
6**	16101.075	46.28	1.15	54.0	7.72	AV	71.00	100	Vertical	Pass

11n40, U-NII-3, 1 GHz to 18 GHz, High Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1472.400	38.78	-17.63	74.0	35.22	Peak	63.00	100	Horizontal	Pass
1**	1472.400	28.60	-17.63	54.0	25.40	AV	63.00	100	Horizontal	Pass
2	4370.400	49.14	-4.34	74.0	24.86	Peak	97.00	200	Horizontal	Pass
2**	4370.400	40.79	-4.34	54.0	13.21	AV	97.00	200	Horizontal	Pass
3	5793.200	99.44	-2.75	--	--	Peak	289.00	100	Horizontal	N/A
3**	5793.200	91.53	-2.75	--	--	AV	289.00	100	Horizontal	N/A
4	7389.562	49.49	-3.77	74.0	24.51	Peak	139.00	200	Horizontal	Pass
4**	7389.562	39.78	-3.77	54.0	14.22	AV	139.00	200	Horizontal	Pass
5	11958.513	53.18	0.99	74.0	20.82	Peak	44.00	100	Horizontal	Pass
5**	11958.513	43.25	0.99	54.0	10.75	AV	44.00	100	Horizontal	Pass
6	15996.075	55.85	0.24	74.0	18.15	Peak	159.00	100	Horizontal	Pass
6**	15996.075	45.46	0.24	54.0	8.54	AV	159.00	100	Horizontal	Pass

11n40, U-NII-3, 1 GHz to 18 GHz, High Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1503.800	38.38	-17.41	74.0	35.62	Peak	297.00	300	Vertical	Pass
1**	1503.800	28.94	-17.41	54.0	25.06	AV	297.00	300	Vertical	Pass
2	4367.000	49.41	-4.20	74.0	24.59	Peak	199.00	200	Vertical	Pass
2**	4367.000	40.20	-4.20	54.0	13.80	AV	199.00	200	Vertical	Pass
3	5793.600	103.57	-2.70	--	--	Peak	324.00	150	Vertical	N/A
3**	5793.600	96.22	-2.70	--	--	AV	324.00	150	Vertical	N/A
4	7340.687	49.22	-3.41	74.0	24.78	Peak	118.00	200	Vertical	Pass
4**	7340.687	40.55	-3.41	54.0	13.45	AV	118.00	200	Vertical	Pass
5	12513.963	52.98	1.55	74.0	21.02	Peak	69.00	200	Vertical	Pass
5**	12513.963	43.38	1.55	54.0	10.62	AV	69.00	200	Vertical	Pass
6	15495.224	55.78	1.05	74.0	18.22	Peak	336.00	200	Vertical	Pass
6**	15495.224	45.40	1.05	54.0	8.60	AV	336.00	200	Vertical	Pass

11ac20, U-NII-3, 1 GHz to 18 GHz, Low Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1580.100	38.44	-17.39	74.0	35.56	Peak	207.00	300	Horizontal	Pass
1**	1580.100	30.12	-17.39	54.0	23.88	AV	207.00	300	Horizontal	Pass
2	4264.000	49.67	-4.95	74.0	24.33	Peak	77.00	200	Horizontal	Pass
2**	4264.000	39.74	-4.95	54.0	14.26	AV	77.00	200	Horizontal	Pass
3	5743.800	101.86	-2.16	--	--	Peak	208.00	150	Horizontal	N/A
3**	5743.800	94.33	-2.16	--	--	AV	208.00	150	Horizontal	N/A
4	7392.725	49.24	-3.84	74.0	24.76	Peak	51.00	100	Horizontal	Pass
4**	7392.725	40.32	-3.84	54.0	13.68	AV	51.00	100	Horizontal	Pass
5	12301.787	53.34	1.44	74.0	20.66	Peak	215.00	100	Horizontal	Pass
5**	12301.787	44.28	1.44	54.0	9.72	AV	215.00	100	Horizontal	Pass
6	15841.463	55.88	1.42	74.0	18.12	Peak	320.00	150	Horizontal	Pass
6**	15841.463	46.22	1.42	54.0	7.78	AV	320.00	150	Horizontal	Pass

11ac20, U-NII-3, 1 GHz to 18 GHz, Low Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1526.800	38.80	-17.44	74.0	35.20	Peak	243.00	300	Vertical	Pass
1**	1526.800	28.19	-17.44	54.0	25.81	AV	243.00	300	Vertical	Pass
2	4372.200	49.25	-4.38	74.0	24.75	Peak	228.00	300	Vertical	Pass
2**	4372.200	40.62	-4.38	54.0	13.38	AV	228.00	300	Vertical	Pass
3	5742.400	105.46	-1.98	--	--	Peak	311.00	150	Vertical	N/A
3**	5742.400	98.05	-1.98	--	--	AV	311.00	150	Vertical	N/A
4	7717.887	49.12	-2.78	74.0	24.88	Peak	360.00	100	Vertical	Pass
4**	7717.887	39.32	-2.78	54.0	14.68	AV	360.00	100	Vertical	Pass
5	11994.738	52.95	1.21	74.0	21.05	Peak	41.00	150	Vertical	Pass
5**	11994.738	43.86	1.21	54.0	10.14	AV	41.00	150	Vertical	Pass
6	15838.576	55.50	1.45	74.0	18.50	Peak	38.00	200	Vertical	Pass
6**	15838.576	47.34	1.45	54.0	6.66	AV	38.00	200	Vertical	Pass

11ac20, U-NII-3, 1 GHz to 18 GHz, Middle Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1516.600	38.25	-17.53	74.0	35.75	Peak	239.00	200	Horizontal	Pass
1**	1516.600	28.78	-17.53	54.0	25.22	AV	239.00	200	Horizontal	Pass
2	4367.400	48.92	-4.27	74.0	25.08	Peak	26.00	200	Horizontal	Pass
2**	4367.400	40.03	-4.27	54.0	13.97	AV	26.00	200	Horizontal	Pass
3	5783.400	102.57	-2.00	--	--	Peak	220.00	100	Horizontal	N/A
3**	5783.400	94.56	-2.00	--	--	AV	220.00	100	Horizontal	N/A
4	7350.462	49.49	-3.37	74.0	24.51	Peak	348.00	300	Horizontal	Pass
4**	7350.462	40.63	-3.37	54.0	13.37	AV	348.00	300	Horizontal	Pass
5	12323.063	53.07	1.42	74.0	20.93	Peak	360.00	100	Horizontal	Pass
5**	12323.063	43.75	1.42	54.0	10.25	AV	360.00	100	Horizontal	Pass
6	15633.825	56.26	1.59	74.0	17.74	Peak	308.00	400	Horizontal	Pass
6**	15633.825	46.18	1.59	54.0	7.82	AV	308.00	400	Horizontal	Pass

11ac20, U-NII-3, 1 GHz to 18 GHz, Middle Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1485.500	38.67	-17.58	74.0	35.33	Peak	311.00	400	Vertical	Pass
1**	1485.500	28.60	-17.58	54.0	25.40	AV	311.00	400	Vertical	Pass
2	4390.400	49.69	-4.85	74.0	24.31	Peak	67.00	100	Vertical	Pass
2**	4390.400	39.45	-4.85	54.0	14.55	AV	67.00	100	Vertical	Pass
3	5783.000	105.32	-1.95	--	--	Peak	313.00	100	Vertical	N/A
3**	5783.000	98.49	-1.95	--	--	AV	313.00	100	Vertical	N/A
4	7325.450	49.09	-3.69	74.0	24.91	Peak	97.00	200	Vertical	Pass
4**	7325.450	39.83	-3.69	54.0	14.17	AV	97.00	200	Vertical	Pass
5	12595.900	53.93	1.80	74.0	20.07	Peak	238.00	200	Vertical	Pass
5**	12595.900	44.07	1.80	54.0	9.93	AV	238.00	200	Vertical	Pass
6	15730.688	55.35	0.76	74.0	18.65	Peak	0.00	300	Vertical	Pass
6**	15730.688	45.79	0.76	54.0	8.21	AV	0.00	300	Vertical	Pass

11ac20, U-NII-3, 1 GHz to 18 GHz, High Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1536.400	38.28	-17.26	74.0	35.72	Peak	360.00	400	Horizontal	Pass
1**	1536.400	28.84	-17.26	54.0	25.16	AV	360.00	400	Horizontal	Pass
2	4344.600	49.20	-4.17	74.0	24.80	Peak	291.00	200	Horizontal	Pass
2**	4344.600	40.63	-4.17	54.0	13.37	AV	291.00	200	Horizontal	Pass
3	5826.000	102.66	-2.27	--	--	Peak	301.00	200	Horizontal	N/A
3**	5826.000	95.49	-2.27	--	--	AV	301.00	200	Horizontal	N/A
4	7334.650	49.38	-3.45	74.0	24.62	Peak	159.00	400	Horizontal	Pass
4**	7334.650	40.87	-3.45	54.0	13.13	AV	159.00	400	Horizontal	Pass
5	11646.862	52.91	-0.19	74.0	21.09	Peak	269.00	150	Horizontal	Pass
5**	11646.862	44.33	-0.19	54.0	9.67	AV	269.00	150	Horizontal	Pass
6	16111.575	55.56	0.74	74.0	18.44	Peak	107.00	400	Horizontal	Pass
6**	16111.575	46.19	0.74	54.0	7.81	AV	107.00	400	Horizontal	Pass

11ac20, U-NII-3, 1 GHz to 18 GHz, High Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1584.700	38.63	-17.51	74.0	35.37	Peak	335.00	300	Vertical	Pass
1**	1584.700	28.89	-17.51	54.0	25.11	AV	335.00	300	Vertical	Pass
2	3997.200	49.57	-5.10	74.0	24.43	Peak	90.00	200	Vertical	Pass
2**	3997.200	39.26	-5.10	54.0	14.74	AV	90.00	200	Vertical	Pass
3	5826.600	106.32	-2.31	--	--	Peak	322.00	100	Vertical	N/A
3**	5826.600	99.44	-2.31	--	--	AV	322.00	100	Vertical	N/A
4	7690.000	49.42	-1.93	74.0	24.58	Peak	120.00	200	Vertical	Pass
4**	7690.000	40.33	-1.93	54.0	13.67	AV	120.00	200	Vertical	Pass
5	11514.613	53.26	-0.32	74.0	20.74	Peak	7.00	200	Vertical	Pass
5**	11514.613	43.04	-0.32	54.0	10.96	AV	7.00	200	Vertical	Pass
6	15801.825	55.47	2.31	74.0	18.53	Peak	268.00	300	Vertical	Pass
6**	15801.825	46.89	2.31	54.0	7.11	AV	268.00	300	Vertical	Pass

11ac40, U-NII-3, 1 GHz to 18 GHz, Low Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1450.700	38.73	-17.47	74.0	35.27	Peak	69.00	300	Horizontal	Pass
1**	1450.700	28.66	-17.47	54.0	25.34	AV	69.00	300	Horizontal	Pass
2	4275.200	49.79	-4.43	74.0	24.21	Peak	331.00	300	Horizontal	Pass
2**	4275.200	39.64	-4.43	54.0	14.36	AV	331.00	300	Horizontal	Pass
3	5756.800	99.58	-2.01	--	--	Peak	217.00	200	Horizontal	N/A
3**	5756.800	91.74	-2.01	--	--	AV	217.00	200	Horizontal	N/A
4	7394.450	49.76	-3.75	74.0	24.24	Peak	296.00	200	Horizontal	Pass
4**	7394.450	39.94	-3.75	54.0	14.06	AV	296.00	200	Horizontal	Pass
5	10930.987	53.06	0.07	74.0	20.94	Peak	183.00	200	Horizontal	Pass
5**	10930.987	43.09	0.07	54.0	10.91	AV	183.00	200	Horizontal	Pass
6	16128.375	55.69	0.95	74.0	18.31	Peak	224.00	200	Horizontal	Pass
6**	16128.375	46.08	0.95	54.0	7.92	AV	224.00	200	Horizontal	Pass

11ac40, U-NII-3, 1 GHz to 18 GHz, Low Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1507.700	39.00	-17.63	74.0	35.00	Peak	101.00	300	Vertical	Pass
1**	1507.700	29.34	-17.63	54.0	24.66	AV	101.00	300	Vertical	Pass
2	4148.400	48.94	-4.99	74.0	25.06	Peak	216.00	400	Vertical	Pass
2**	4148.400	40.03	-4.99	54.0	13.97	AV	216.00	400	Vertical	Pass
3	5758.200	103.18	-1.98	--	--	Peak	310.00	200	Vertical	N/A
3**	5758.200	95.75	-1.98	--	--	AV	310.00	200	Vertical	N/A
4	7335.513	49.44	-3.23	74.0	24.56	Peak	360.00	300	Vertical	Pass
4**	7335.513	40.26	-3.23	54.0	13.74	AV	360.00	300	Vertical	Pass
5	11507.138	53.03	-0.14	74.0	20.97	Peak	233.00	100	Vertical	Pass
5**	11507.138	43.95	-0.14	54.0	10.05	AV	233.00	100	Vertical	Pass
6	15851.175	56.68	1.30	74.0	17.32	Peak	164.00	400	Vertical	Pass
6**	15851.175	46.67	1.30	54.0	7.33	AV	164.00	400	Vertical	Pass

11ac40, U-NII-3, 1 GHz to 18 GHz, High Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1552.000	38.63	-17.41	74.0	35.37	Peak	248.00	300	Horizontal	Pass
1**	1552.000	28.97	-17.41	54.0	25.03	AV	248.00	300	Horizontal	Pass
2	4368.000	49.65	-4.40	74.0	24.35	Peak	235.00	400	Horizontal	Pass
2**	4368.000	42.28	-4.40	54.0	11.72	AV	235.00	400	Horizontal	Pass
3	5793.600	98.78	-2.70	--	--	Peak	289.00	200	Horizontal	N/A
3**	5793.600	91.33	-2.70	--	--	AV	289.00	200	Horizontal	N/A
4	7674.475	50.31	-2.36	74.0	23.69	Peak	332.00	400	Horizontal	Pass
4**	7674.475	41.55	-2.36	54.0	12.45	AV	332.00	400	Horizontal	Pass
5	12278.787	53.29	1.76	74.0	20.71	Peak	105.00	150	Horizontal	Pass
5**	12278.787	44.23	1.76	54.0	9.77	AV	105.00	150	Horizontal	Pass
6	16044.900	55.75	0.75	74.0	18.25	Peak	277.00	300	Horizontal	Pass
6**	16044.900	47.10	0.75	54.0	6.90	AV	277.00	300	Horizontal	Pass

11ac40, U-NII-3, 1 GHz to 18 GHz, High Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1535.900	38.16	-17.27	74.0	35.84	Peak	352.00	300	Vertical	Pass
1**	1535.900	28.75	-17.27	54.0	25.25	AV	352.00	300	Vertical	Pass
2	4383.200	49.65	-4.64	74.0	24.35	Peak	179.00	200	Vertical	Pass
2**	4383.200	40.03	-4.64	54.0	13.97	AV	179.00	200	Vertical	Pass
3	5799.200	103.04	-2.58	--	--	Peak	325.00	200	Vertical	N/A
3**	5799.200	95.29	-2.58	--	--	AV	325.00	200	Vertical	N/A
4	7343.275	49.37	-3.33	74.0	24.63	Peak	234.00	100	Vertical	Pass
4**	7343.275	40.63	-3.33	54.0	13.37	AV	234.00	100	Vertical	Pass
5	12271.313	52.64	1.49	74.0	21.36	Peak	58.00	150	Vertical	Pass
5**	12271.313	44.37	1.49	54.0	9.63	AV	58.00	150	Vertical	Pass
6	16091.888	56.00	1.39	74.0	18.00	Peak	219.00	200	Vertical	Pass
6**	16091.888	46.56	1.39	54.0	7.44	AV	219.00	200	Vertical	Pass

11ac80, U-NII-3, 1 GHz to 18 GHz, Middle Channel, ANT H

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1584.200	39.07	-17.49	74.0	34.93	Peak	342.00	300	Horizontal	Pass
1**	1584.200	28.86	-17.49	54.0	25.14	AV	342.00	300	Horizontal	Pass
2	4357.200	49.59	-4.07	74.0	24.41	Peak	89.00	200	Horizontal	Pass
2**	4357.200	40.06	-4.07	54.0	13.94	AV	89.00	200	Horizontal	Pass
3	5780.800	96.82	-1.77	--	--	Peak	226.00	100	Horizontal	N/A
3**	5780.800	88.89	-1.77	--	--	AV	226.00	100	Horizontal	N/A
4	7311.650	49.50	-2.71	74.0	24.50	Peak	0.00	100	Horizontal	Pass
4**	7311.650	40.94	-2.71	54.0	13.06	AV	0.00	100	Horizontal	Pass
5	12245.151	53.23	1.01	74.0	20.77	Peak	59.00	100	Horizontal	Pass
5**	12245.151	42.94	1.01	54.0	11.06	AV	59.00	100	Horizontal	Pass
6	15784.500	55.42	1.78	74.0	18.58	Peak	139.00	300	Horizontal	Pass
6**	15784.500	46.16	1.78	54.0	7.84	AV	139.00	300	Horizontal	Pass

11ac80, U-NII-3, 1 GHz to 18 GHz, Middle Channel, ANT V

No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	1604.700	38.67	-17.74	74.0	35.33	Peak	94.00	300	Vertical	Pass
1**	1604.700	28.47	-17.74	54.0	25.53	AV	94.00	300	Vertical	Pass
2	4339.400	49.10	-4.35	74.0	24.90	Peak	228.00	200	Vertical	Pass
2**	4339.400	39.70	-4.35	54.0	14.30	AV	228.00	200	Vertical	Pass
3	5781.800	100.35	-1.82	--	--	Peak	317.00	100	Vertical	N/A
3**	5781.800	92.22	-1.82	--	--	AV	317.00	100	Vertical	N/A
4	7288.650	50.04	-3.07	74.0	23.96	Peak	272.00	400	Vertical	Pass
4**	7288.650	40.07	-3.07	54.0	13.93	AV	272.00	400	Vertical	Pass
5	12247.451	53.67	0.98	74.0	20.33	Peak	202.00	200	Vertical	Pass
5**	12247.451	43.66	0.98	54.0	10.34	AV	202.00	200	Vertical	Pass
6	15616.238	55.77	1.52	74.0	18.23	Peak	246.00	100	Vertical	Pass
6**	15616.238	46.66	1.52	54.0	7.34	AV	246.00	100	Vertical	Pass

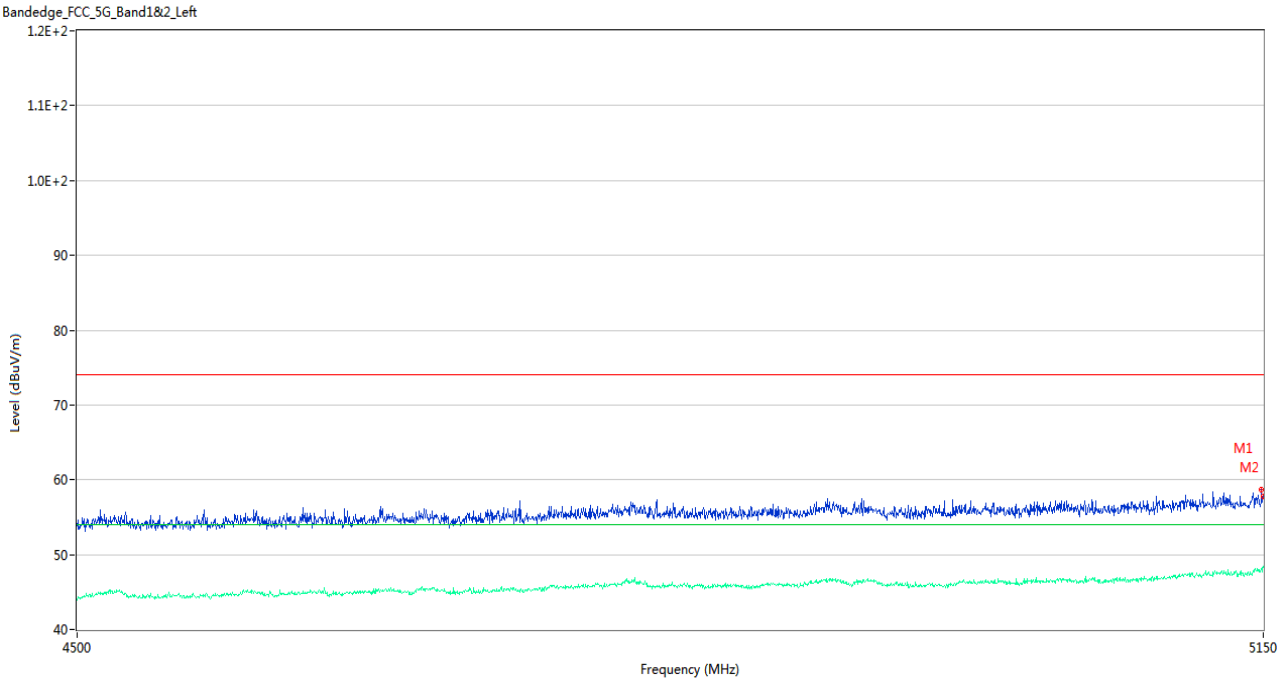
A.6.2 Band Edge (Restricted-band)

Test Band	Mode	Channel	Verdict
U-NII-1	802.11a	Low	Pass
		High	Pass
	802.11n(HT20)	Low	Pass
		High	Pass
	802.11n(HT40)	Low	Pass
		High	Pass
	802.11ac(VHT20)	Low	Pass
		High	Pass
	802.11ac(VHT40)	Low	Pass
		High	Pass
	802.11ac(VHT80)	Middle	Pass
U-NII-2A	802.11a	Low	Pass
		High	Pass
	802.11n(HT20)	Low	Pass
		High	Pass
	802.11n(HT40)	Low	Pass
		High	Pass
	802.11ac(VHT20)	Low	Pass
		High	Pass
	802.11ac(VHT40)	Low	Pass
		High	Pass
	802.11ac(VHT80)	Middle	Pass
U-NII-2C	802.11a	Low	Pass
		High	Pass
	802.11n(HT20)	Low	Pass
		High	Pass
	802.11n(HT40)	Low	Pass
		High	Pass
	802.11ac(VHT20)	Low	Pass
		High	Pass
	802.11ac(VHT40)	Low	Pass
		High	Pass
	802.11ac(VHT80)	Low	Pass
		High	Pass
		High	Pass
U-NII-3	802.11a	Low	Pass
		High	Pass
	802.11n(HT20)	Low	Pass
		High	Pass
	802.11n(HT40)	Low	Pass

		High	Pass
	802.11ac(VHT20)	Low	Pass
		High	Pass
	802.11ac(VHT40)	Low	Pass
		High	Pass
	802.11ac(VHT80)	Middle	Pass

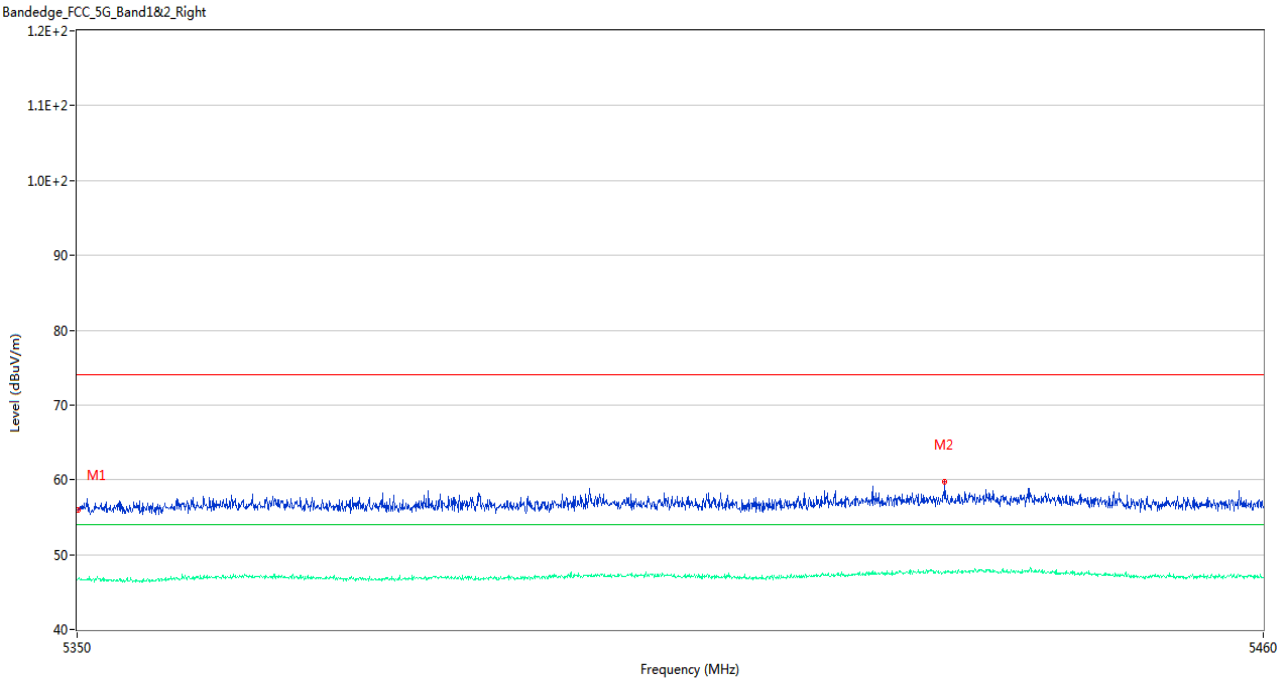
Test Data and Plots

U-NII-1 11a Low Channel



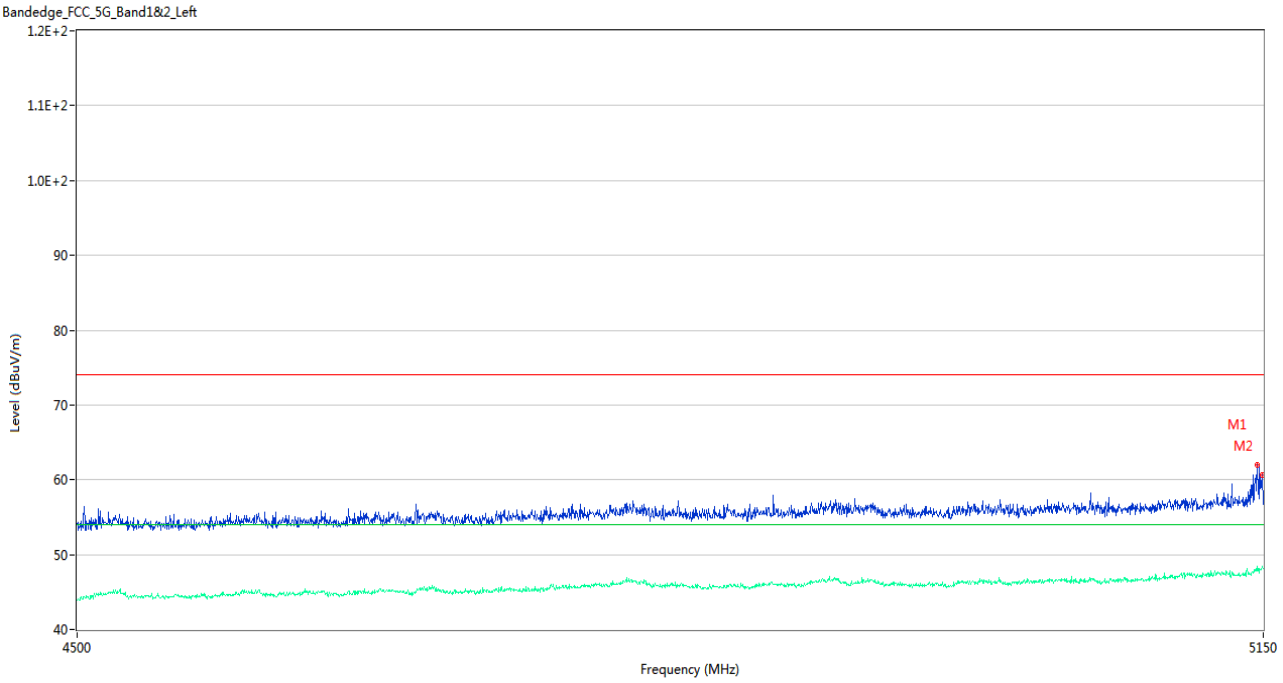
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5148.945	58.66	3.47	74.0	15.34	Peak	160.00	200	Vertical	Pass
1**	5148.945	48.11	3.47	54.0	5.89	AV	160.00	200	Vertical	Pass
2	5149.980	57.72	3.42	74.0	16.28	Peak	231.00	200	Vertical	Pass
2**	5149.980	48.45	3.42	54.0	5.55	AV	231.00	200	Vertical	Pass

U-NII-1 11a High Channel



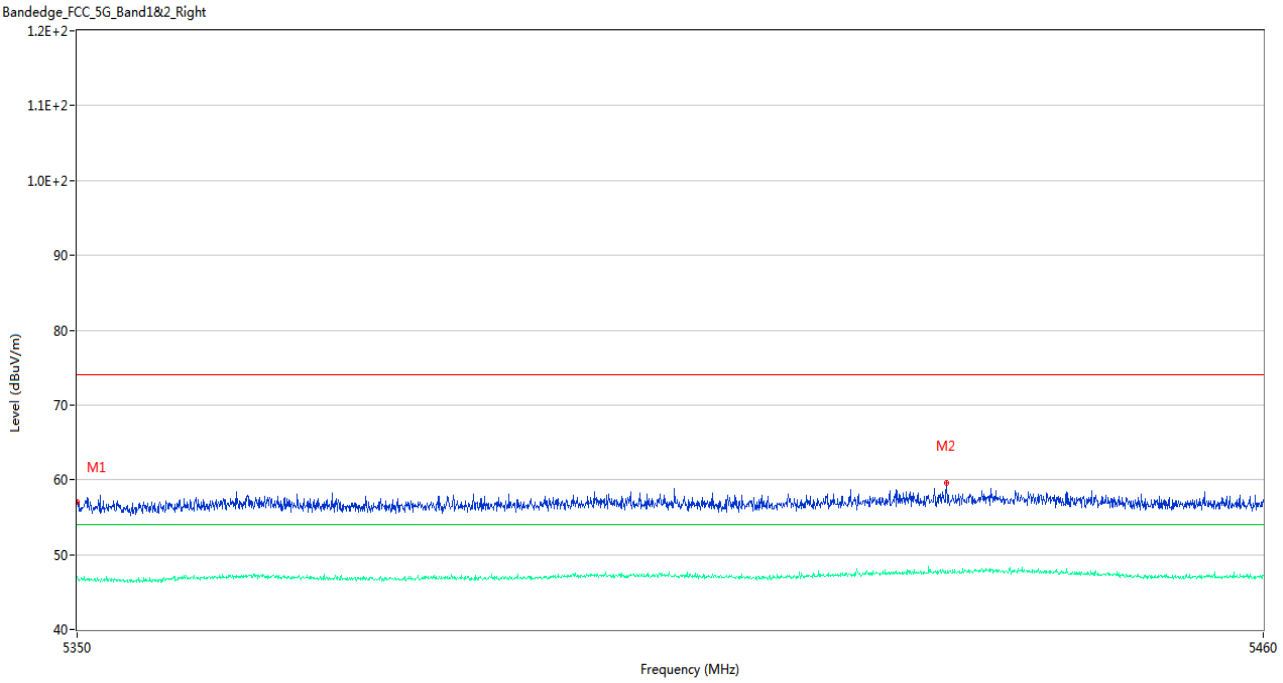
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	55.97	3.25	74.0	18.03	Peak	360.00	200	Vertical	Pass
1**	5350.055	46.78	3.25	54.0	7.22	AV	360.00	200	Vertical	Pass
2	5430.245	59.70	4.13	74.0	14.30	Peak	179.00	150	Vertical	Pass
2**	5430.245	47.57	4.13	54.0	6.43	AV	179.00	150	Vertical	Pass

U-NII-1 11n20 Low Channel



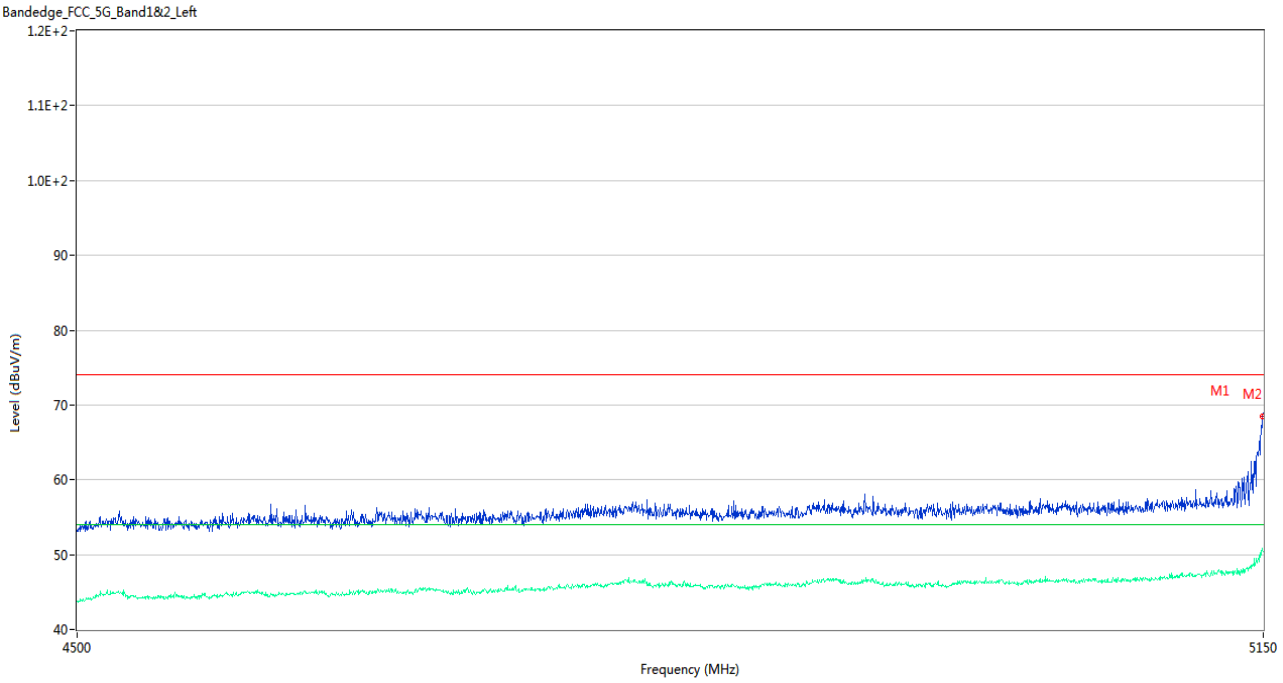
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5146.750	62.05	3.58	74.0	11.95	Peak	222.00	100	Vertical	Pass
1**	5146.750	47.89	3.58	54.0	6.11	AV	222.00	100	Vertical	Pass
2	5149.675	60.71	3.43	74.0	13.29	Peak	217.00	100	Vertical	Pass
2**	5149.675	48.31	3.43	54.0	5.69	AV	217.00	100	Vertical	Pass

U-NII-1 11n20 High Channel



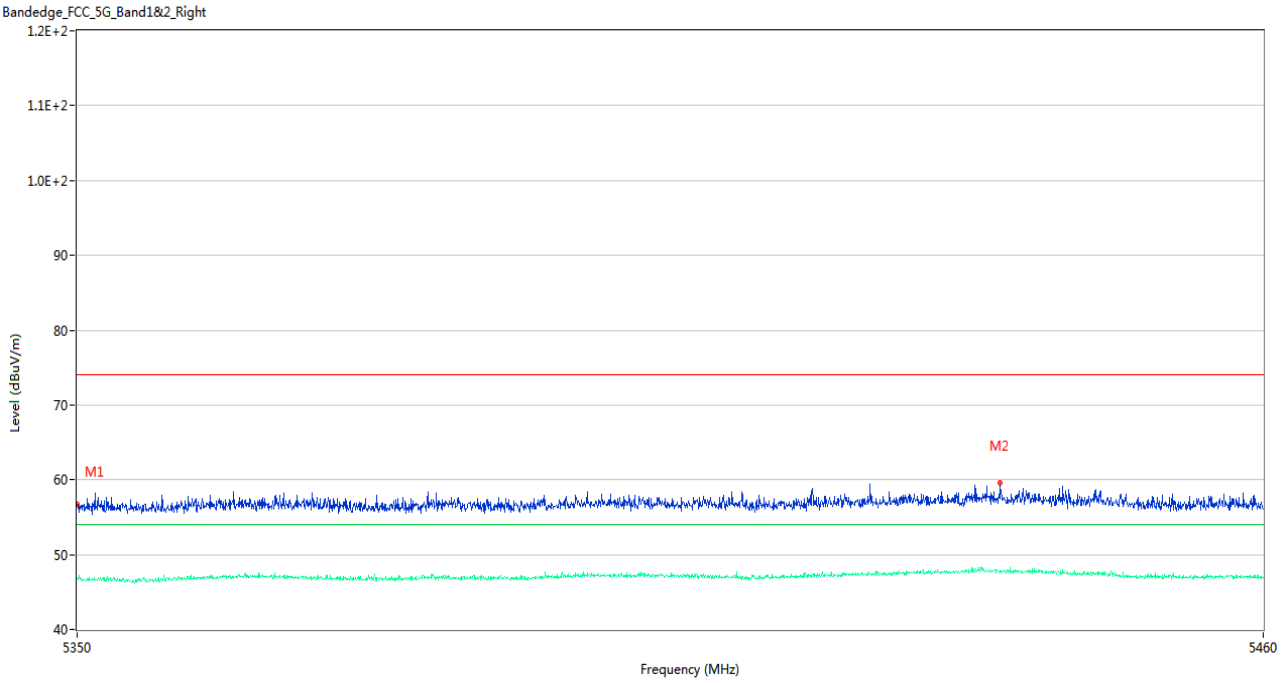
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.99	3.26	74.0	17.01	Peak	117.00	200	Vertical	Pass
1**	5350.000	47.06	3.26	54.0	6.94	AV	117.00	200	Vertical	Pass
2	5430.410	59.55	4.13	74.0	14.45	Peak	279.00	150	Vertical	Pass
2**	5430.410	47.52	4.13	54.0	6.48	AV	279.00	150	Vertical	Pass

U-NII-1 11n40 Low Channel



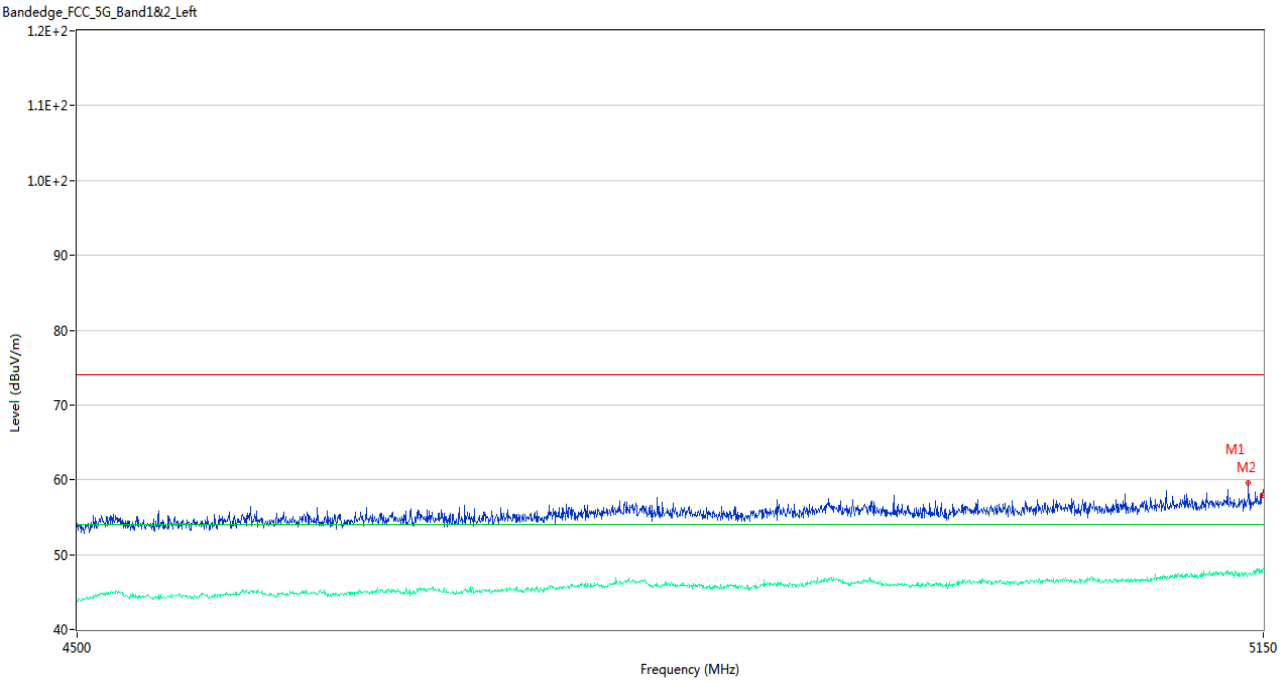
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5149.675	68.43	3.43	74.0	5.57	Peak	217.00	200	Vertical	Pass
1**	5149.675	50.52	3.43	54.0	3.48	AV	217.00	200	Vertical	Pass
2	5149.675	68.43	3.43	74.0	5.57	Peak	217.00	200	Vertical	Pass
2**	5149.675	50.52	3.43	54.0	3.48	AV	217.00	200	Vertical	Pass

U-NII-1 11n40 High Channel



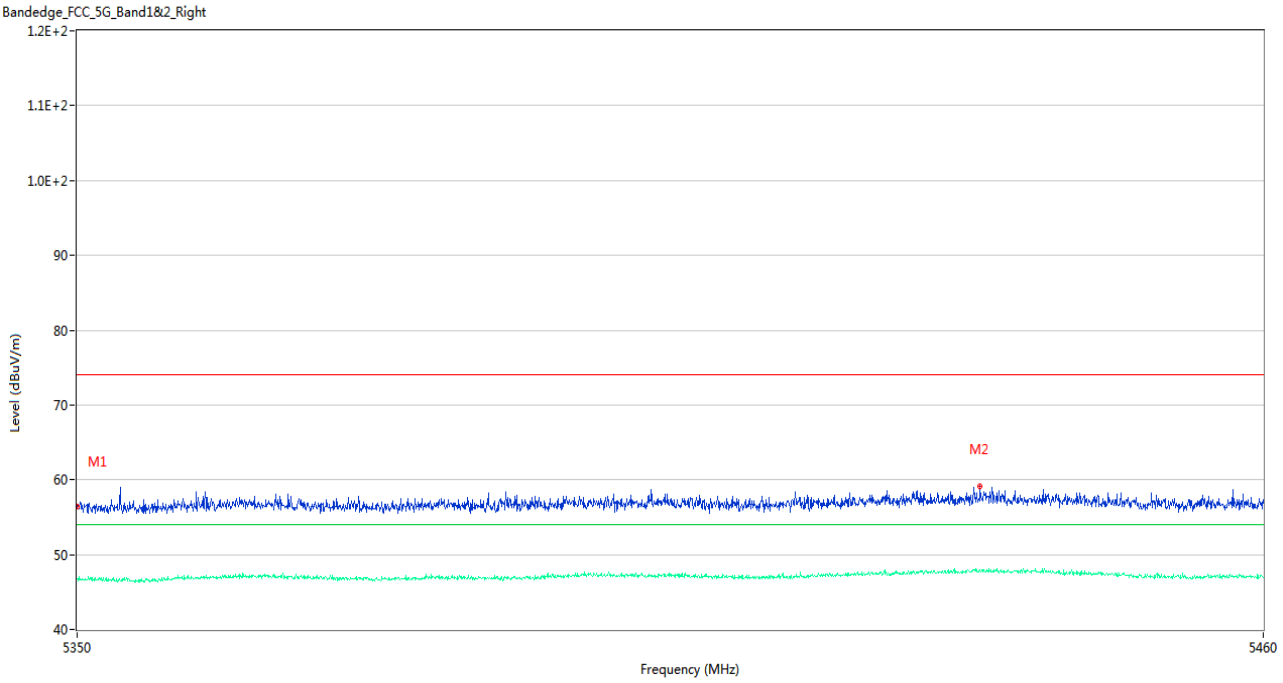
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.67	3.26	74.0	17.33	Peak	143.00	200	Vertical	Pass
1**	5350.000	46.83	3.26	54.0	7.17	AV	143.00	200	Vertical	Pass
2	5435.415	59.62	4.37	74.0	14.38	Peak	314.00	100	Vertical	Pass
2**	5435.415	47.57	4.37	54.0	6.43	AV	314.00	100	Vertical	Pass

U-NII-1 11ac20 Low Channel



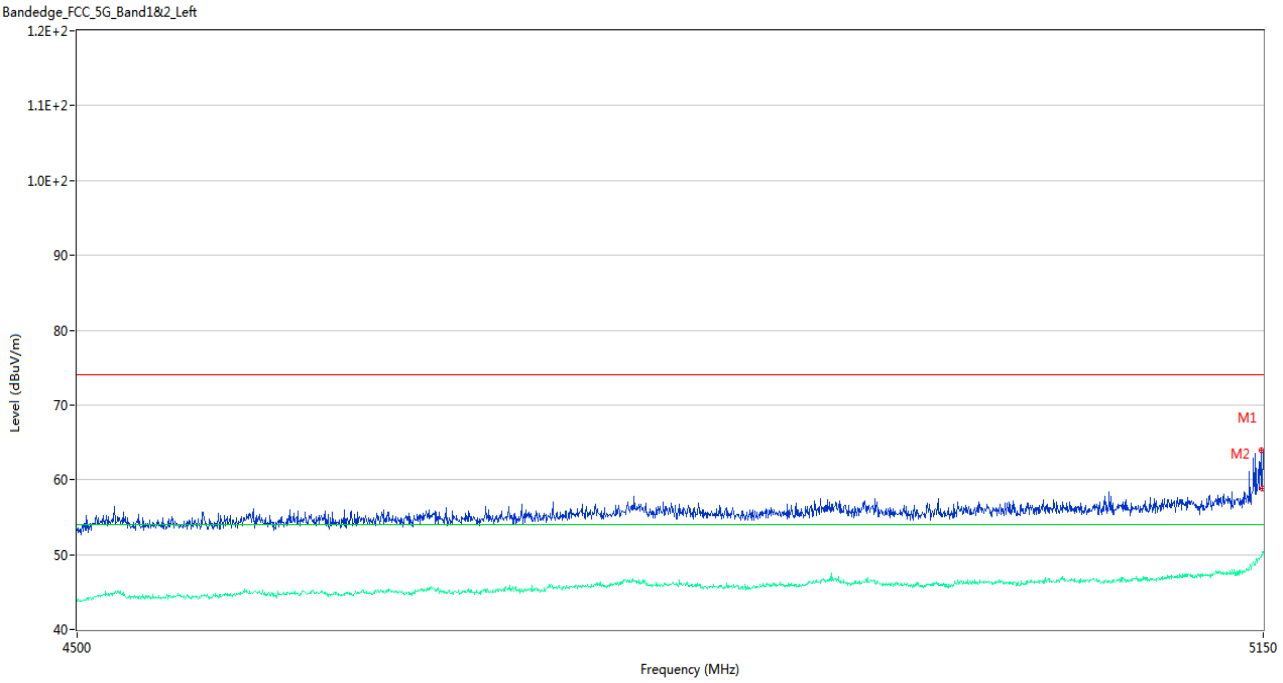
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5141.225	59.57	3.71	74.0	14.43	Peak	221.00	200	Vertical	Pass
1**	5141.225	47.41	3.71	54.0	6.59	AV	221.00	200	Vertical	Pass
2	5149.675	57.99	3.43	74.0	16.01	Peak	221.00	100	Vertical	Pass
2**	5149.675	47.87	3.43	54.0	6.13	AV	221.00	100	Vertical	Pass

U-NII-1 11ac20 High Channel



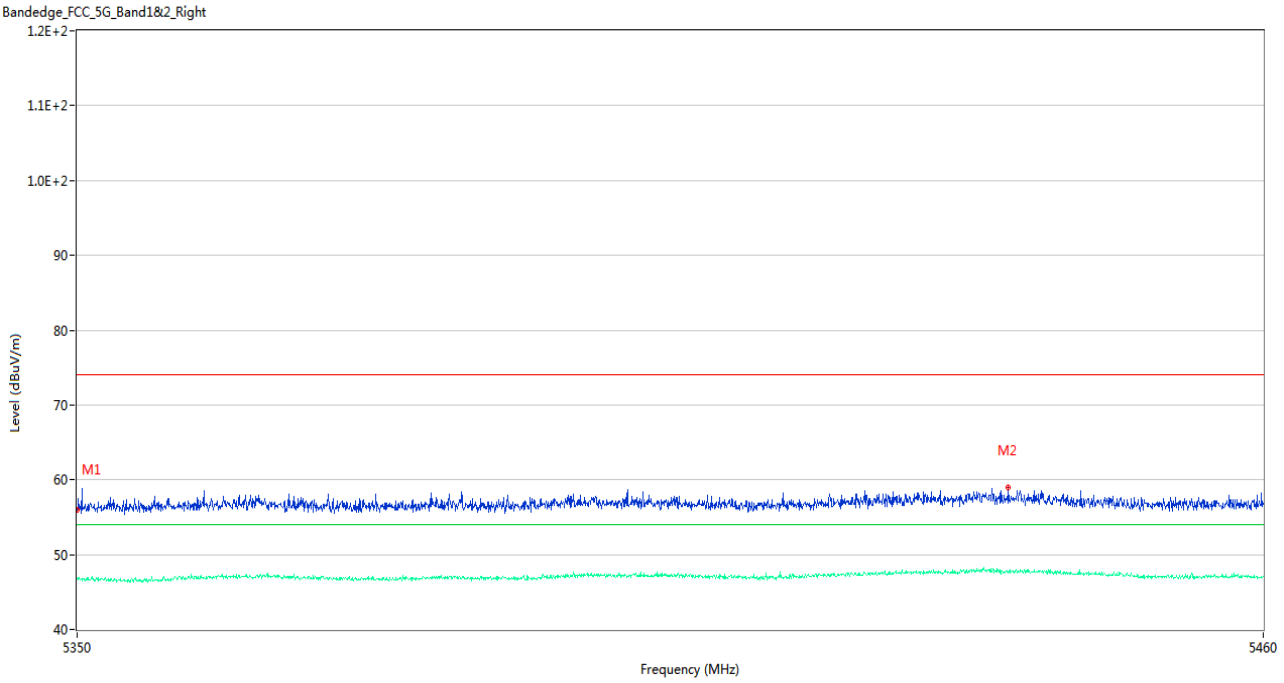
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.43	3.26	74.0	17.57	Peak	278.00	200	Vertical	Pass
1**	5350.000	46.76	3.26	54.0	7.24	AV	278.00	200	Vertical	Pass
2	5433.545	59.18	4.46	74.0	14.82	Peak	78.00	150	Vertical	Pass
2**	5433.545	47.84	4.46	54.0	6.16	AV	78.00	150	Vertical	Pass

U-NII-1 11ac40 Low Channel



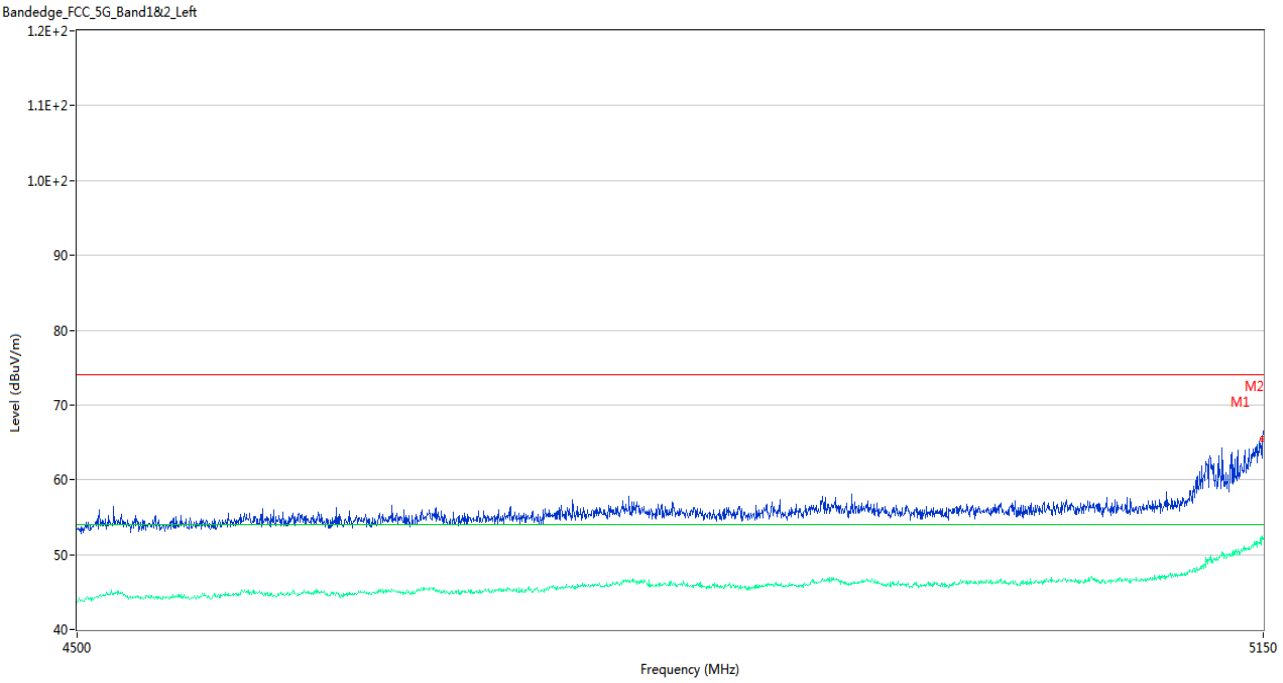
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5149.025	63.92	3.47	74.0	10.08	Peak	229.00	150	Vertical	Pass
1**	5149.025	49.65	3.47	54.0	4.35	AV	229.00	150	Vertical	Pass
2	5149.675	58.87	3.43	74.0	15.13	Peak	231.00	150	Vertical	Pass
2**	5149.675	49.92	3.43	54.0	4.08	AV	231.00	150	Vertical	Pass

U-NII-1 11ac40 High Channel



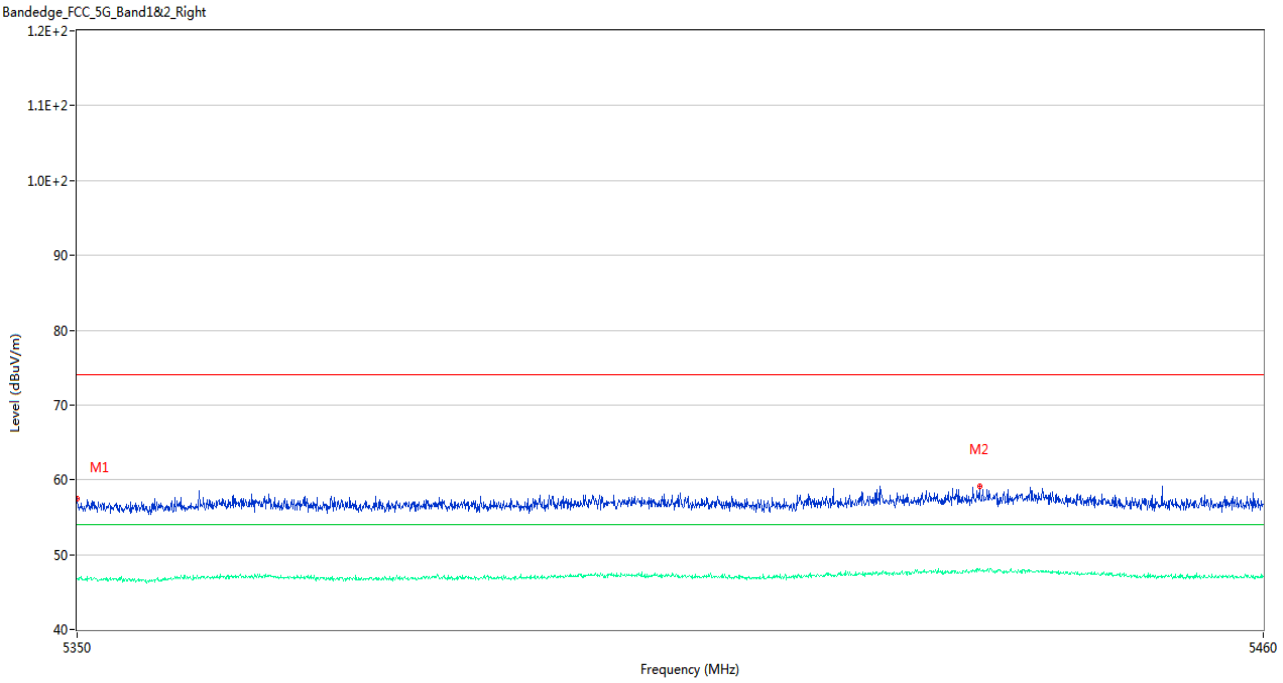
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	56.04	3.26	74.0	17.96	Peak	238.00	200	Vertical	Pass
1**	5350.000	46.73	3.26	54.0	7.27	AV	238.00	200	Vertical	Pass
2	5436.185	59.01	4.36	74.0	14.99	Peak	349.00	100	Vertical	Pass
2**	5436.185	47.71	4.36	54.0	6.29	AV	349.00	100	Vertical	Pass

U-NII-1 11ac80 Middle Channel



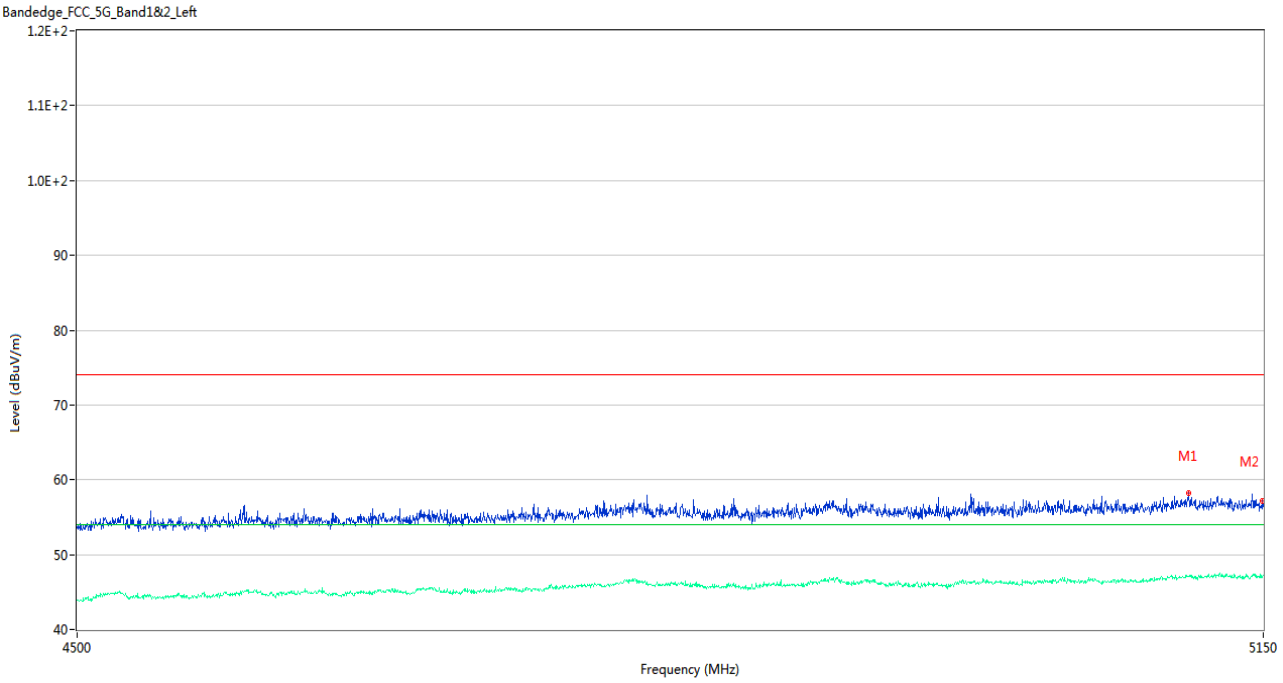
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5149.675	65.46	3.43	74.0	8.54	Peak	228.00	200	Vertical	Pass
1**	5149.675	52.48	3.43	54.0	1.52	AV	228.00	200	Vertical	Pass
2	5149.675	65.46	3.43	74.0	8.54	Peak	228.00	150	Vertical	Pass
2**	5149.675	52.48	3.43	54.0	1.52	AV	228.00	150	Vertical	Pass

U-NII-1 11ac80 Middle Channel



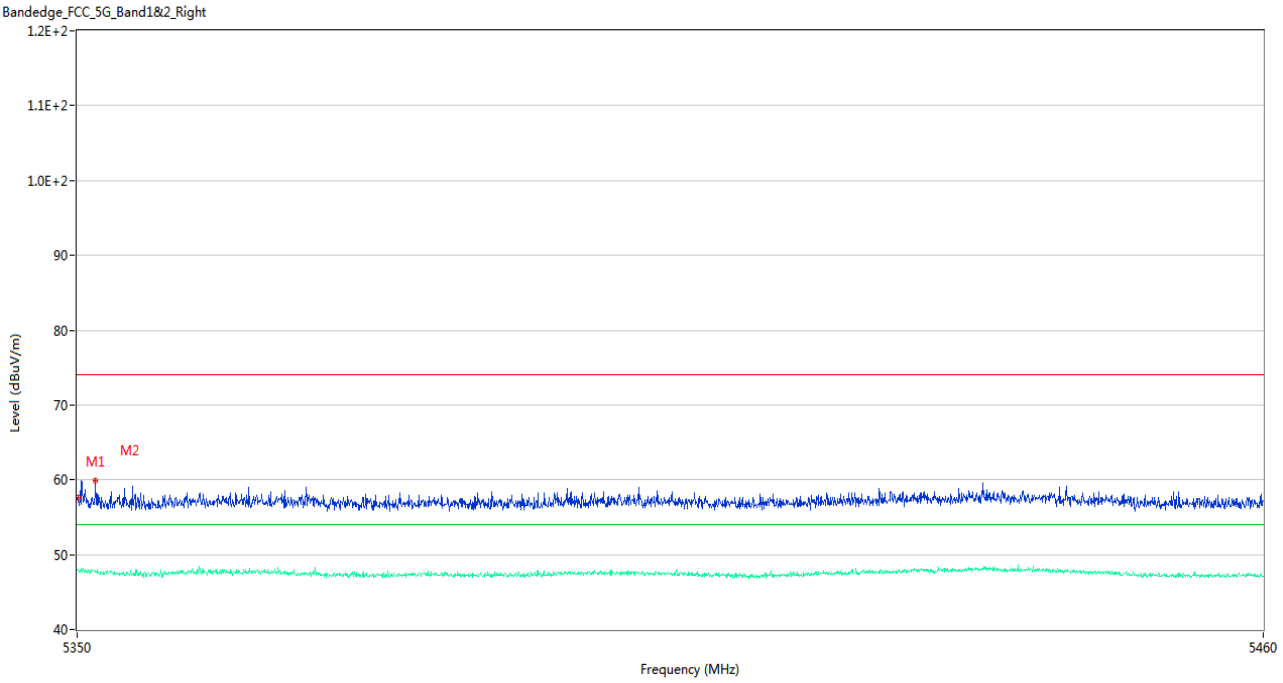
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	57.43	3.26	74.0	16.57	Peak	20.00	150	Vertical	Pass
1**	5350.000	46.76	3.26	54.0	7.24	AV	20.00	150	Vertical	Pass
2	5433.490	59.17	4.45	74.0	14.83	Peak	319.00	150	Vertical	Pass
2**	5433.490	48.07	4.45	54.0	5.93	AV	319.00	150	Vertical	Pass

U-NII-2A 11a Low Channel



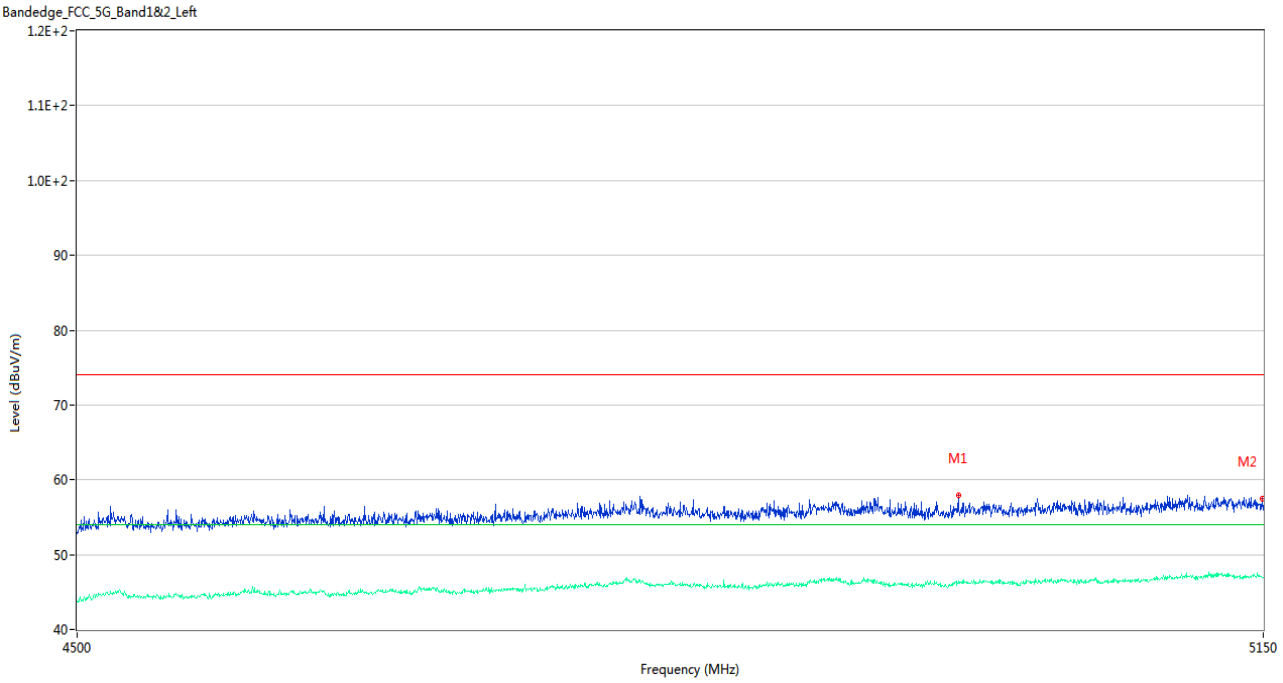
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5106.450	58.23	4.02	74.0	15.77	Peak	32.00	200	Vertical	Pass
1**	5106.450	47.05	4.02	54.0	6.95	AV	32.00	200	Vertical	Pass
2	5149.675	57.24	3.43	74.0	16.76	Peak	158.00	200	Vertical	Pass
2**	5149.675	47.03	3.43	54.0	6.97	AV	158.00	200	Vertical	Pass

U-NII-2A 11a High Channel



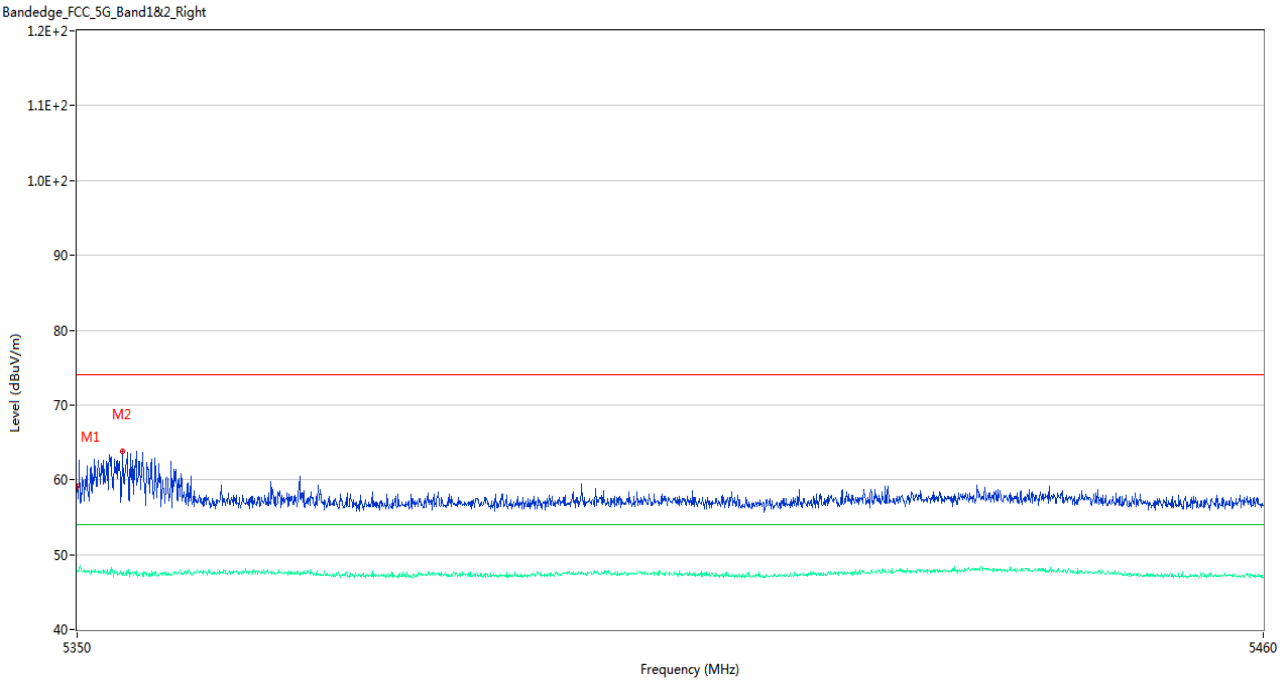
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	57.68	3.25	74.0	16.32	Peak	225.00	200	Vertical	Pass
1**	5350.055	48.06	3.25	54.0	5.94	AV	225.00	200	Vertical	Pass
2	5351.705	59.95	3.28	74.0	14.05	Peak	230.00	150	Vertical	Pass
2**	5351.705	47.68	3.28	54.0	6.32	AV	230.00	150	Vertical	Pass

U-NII-2A 11n20 Low Channel



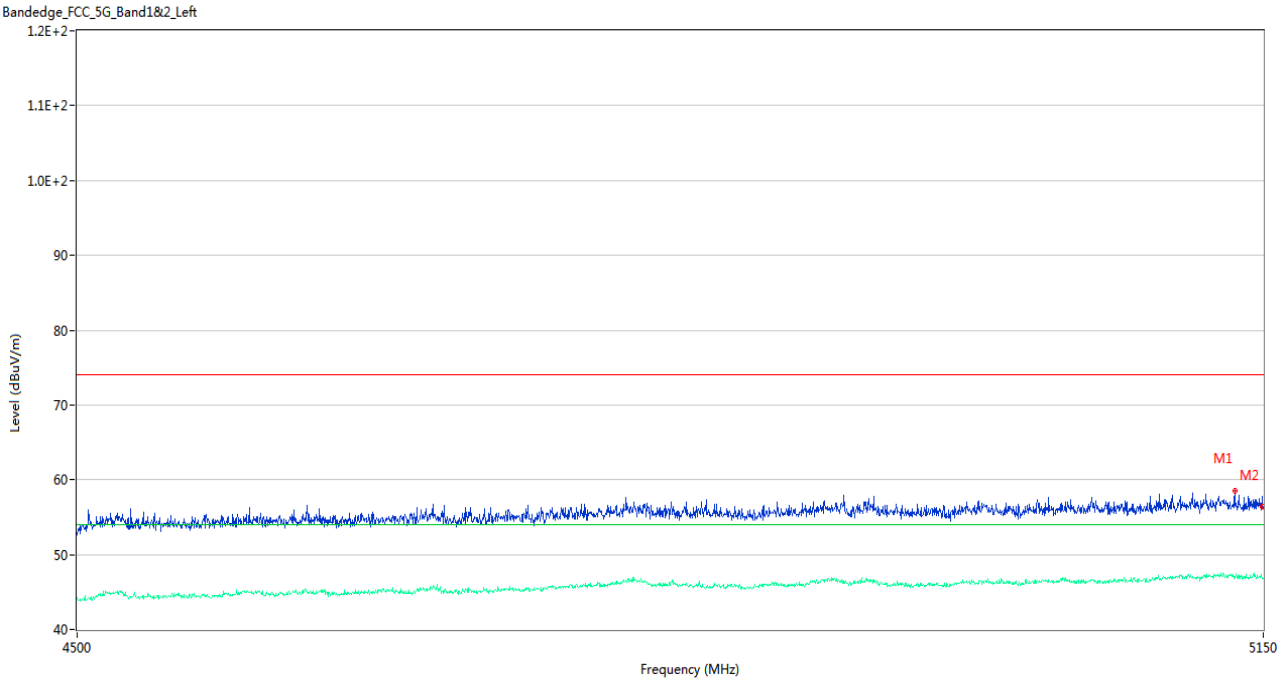
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	4974.500	57.88	3.12	74.0	16.12	Peak	316.00	100	Vertical	Pass
1**	4974.500	46.24	3.12	54.0	7.76	AV	316.00	100	Vertical	Pass
2	5149.675	57.50	3.43	74.0	16.50	Peak	263.00	200	Vertical	Pass
2**	5149.675	46.98	3.43	54.0	7.02	AV	263.00	200	Vertical	Pass

U-NII-2A 11n20 High Channel



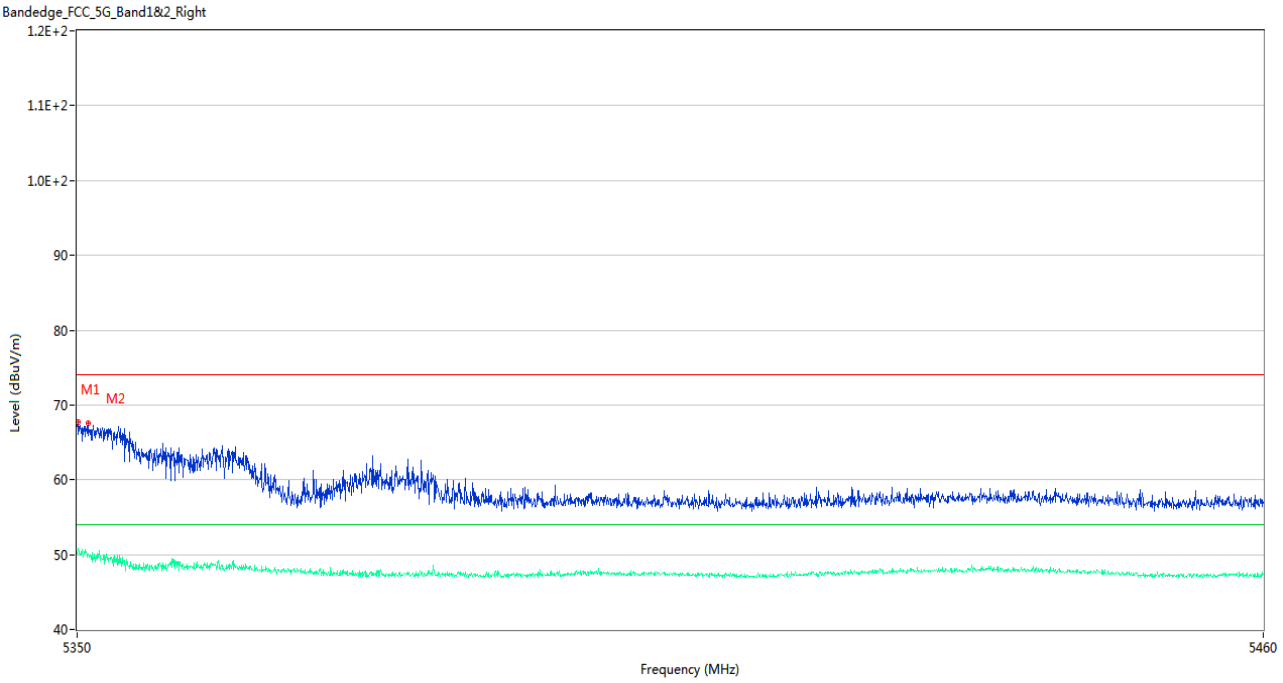
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	59.18	3.26	74.0	14.82	Peak	220.00	200	Vertical	Pass
1**	5350.000	47.82	3.26	54.0	6.18	AV	220.00	200	Vertical	Pass
2	5354.180	63.83	3.30	74.0	10.17	Peak	234.00	200	Vertical	Pass
2**	5354.180	47.39	3.30	54.0	6.61	AV	234.00	200	Vertical	Pass

U-NII-2A 11n40 Low Channel



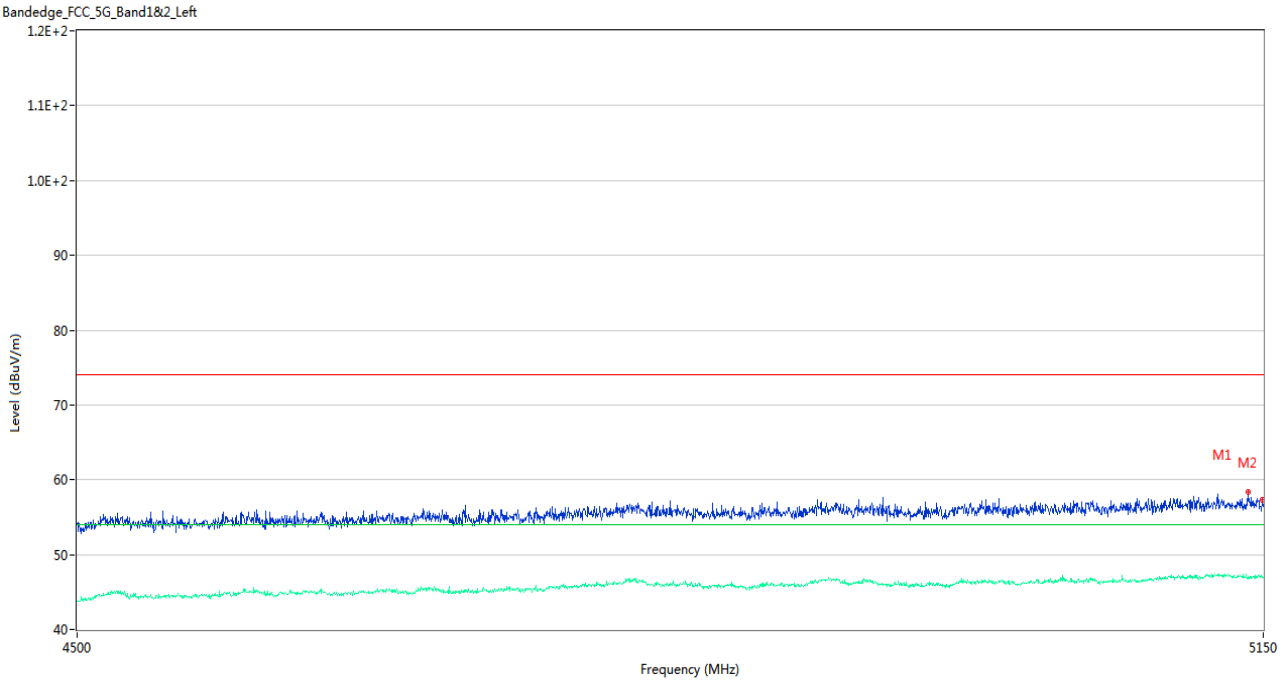
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5133.425	58.48	3.94	74.0	15.52	Peak	111.00	150	Vertical	Pass
1**	5133.425	46.96	3.94	54.0	7.04	AV	111.00	150	Vertical	Pass
2	5149.675	56.46	3.43	74.0	17.54	Peak	1.00	150	Vertical	Pass
2**	5149.675	46.87	3.43	54.0	7.13	AV	1.00	150	Vertical	Pass

U-NII-2A 11n40 High Channel



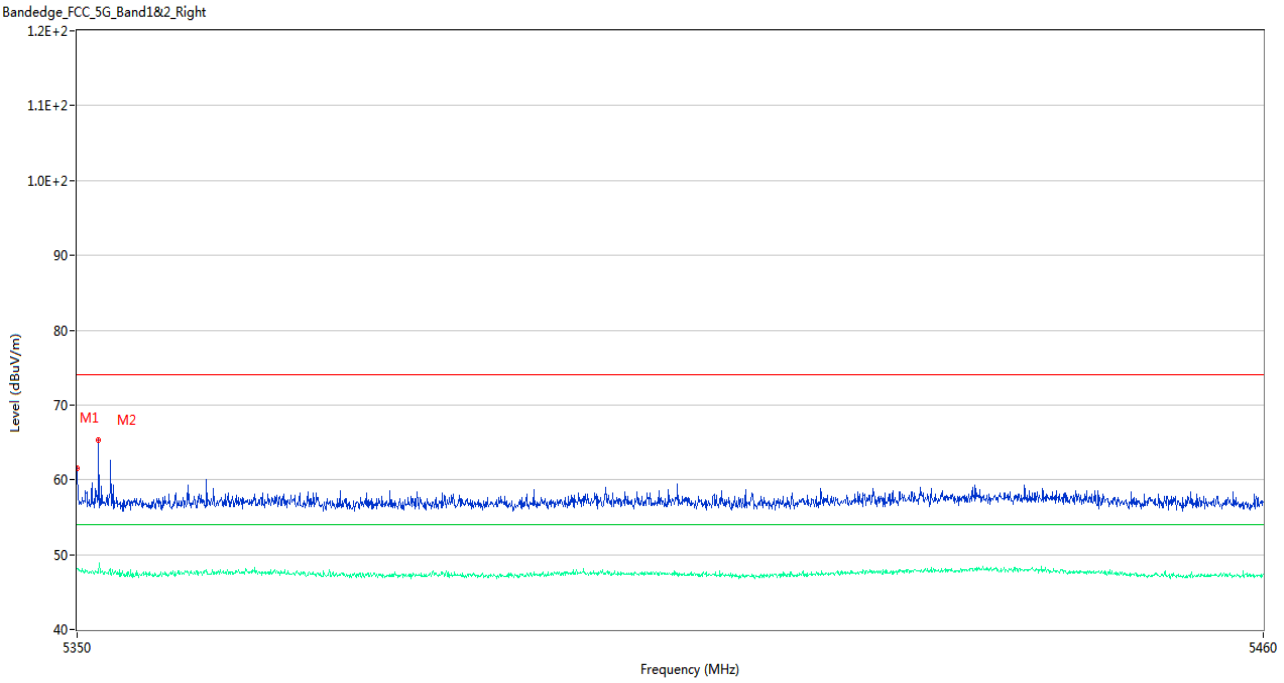
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	67.68	3.25	74.0	6.32	Peak	231.00	150	Vertical	Pass
1**	5350.055	50.89	3.25	54.0	3.11	AV	231.00	150	Vertical	Pass
2	5350.990	67.61	3.25	74.0	6.39	Peak	228.00	200	Vertical	Pass
2**	5350.990	49.92	3.25	54.0	4.08	AV	228.00	200	Vertical	Pass

U-NII-2A 11ac20 Low Channel



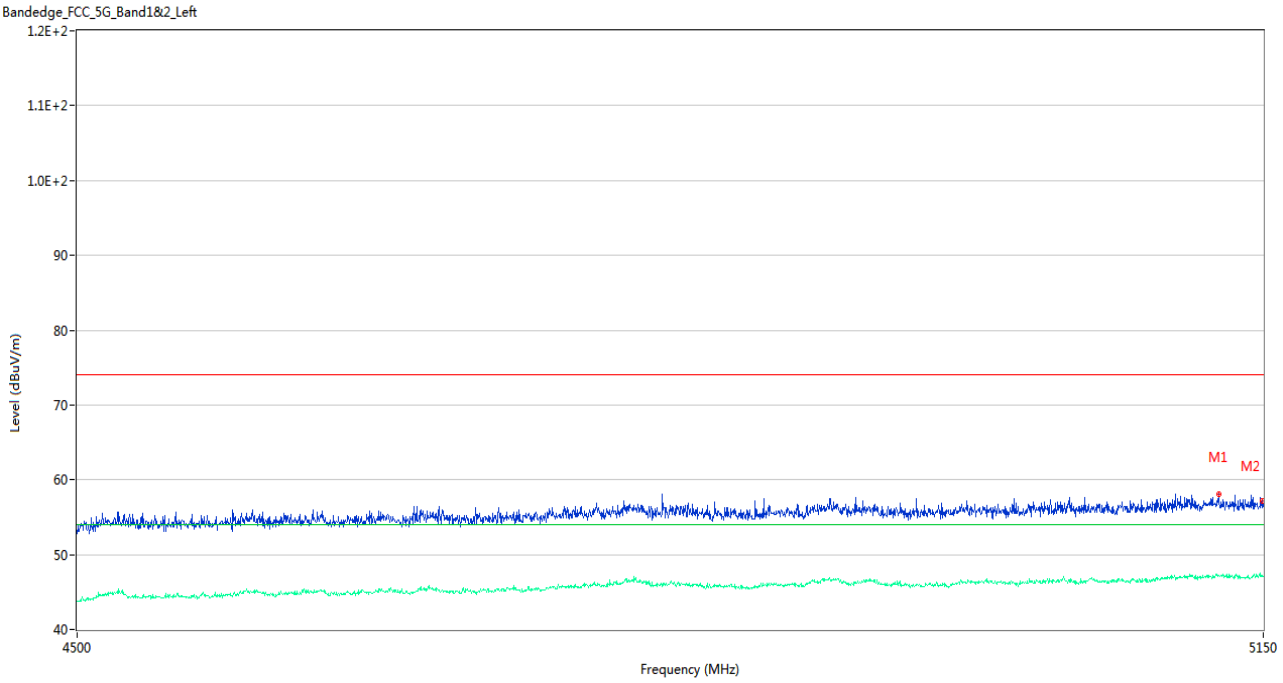
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5140.900	58.43	3.75	74.0	15.57	Peak	341.00	150	Vertical	Pass
1**	5140.900	47.01	3.75	54.0	6.99	AV	341.00	150	Vertical	Pass
2	5149.675	57.38	3.43	74.0	16.62	Peak	272.00	200	Vertical	Pass
2**	5149.675	47.05	3.43	54.0	6.95	AV	272.00	200	Vertical	Pass

U-NII-2A 11ac20 High Channel



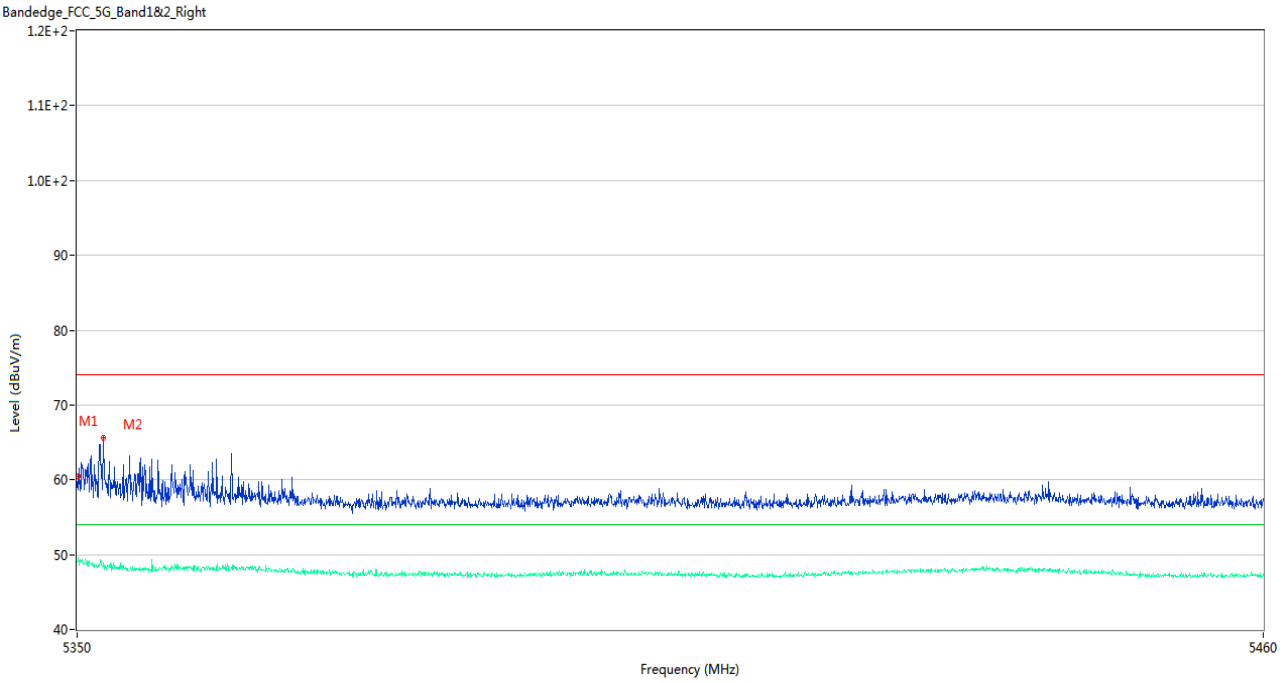
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	61.53	3.26	74.0	12.47	Peak	201.00	150	Vertical	Pass
1**	5350.000	48.09	3.26	54.0	5.91	AV	201.00	150	Vertical	Pass
2	5351.980	65.27	3.29	74.0	8.73	Peak	231.00	100	Vertical	Pass
2**	5351.980	47.46	3.29	54.0	6.54	AV	231.00	100	Vertical	Pass

U-NII-2A 11ac40 Low Channel



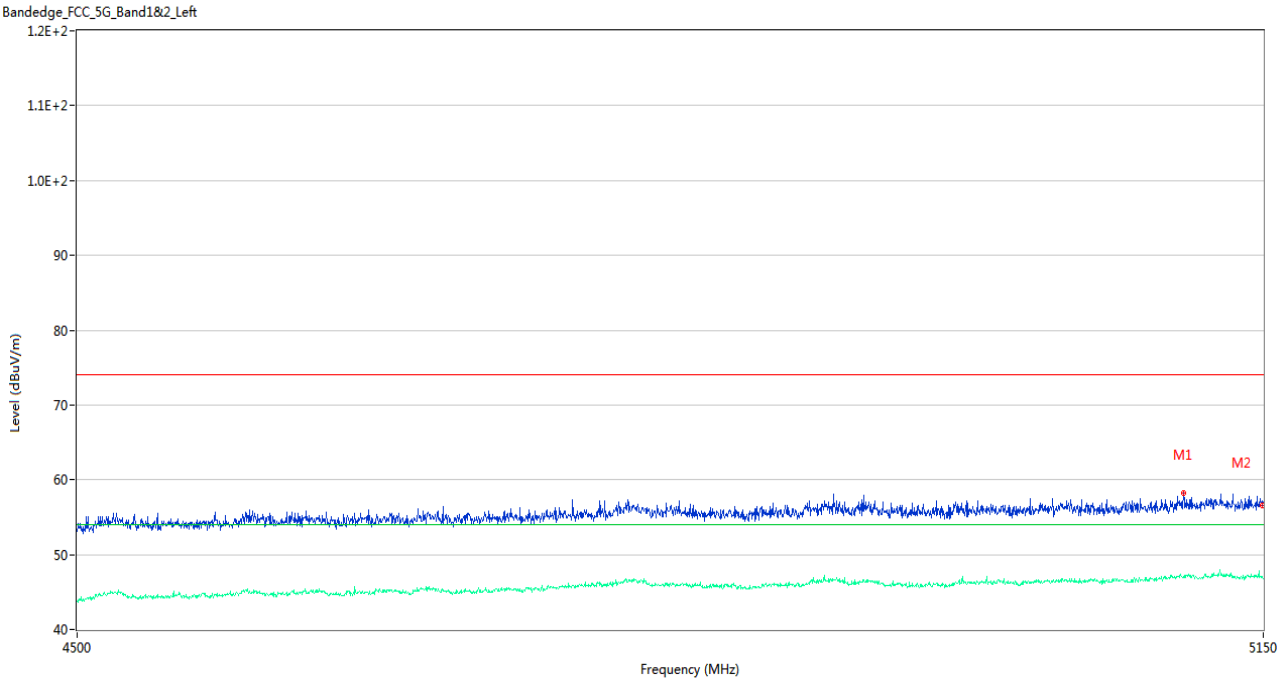
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5124.000	58.07	4.16	74.0	15.93	Peak	221.00	100	Vertical	Pass
1**	5124.000	47.18	4.16	54.0	6.82	AV	221.00	100	Vertical	Pass
2	5149.675	57.20	3.43	74.0	16.80	Peak	216.00	100	Vertical	Pass
2**	5149.675	47.18	3.43	54.0	6.82	AV	216.00	100	Vertical	Pass

U-NII-2A 11ac40 High Channel



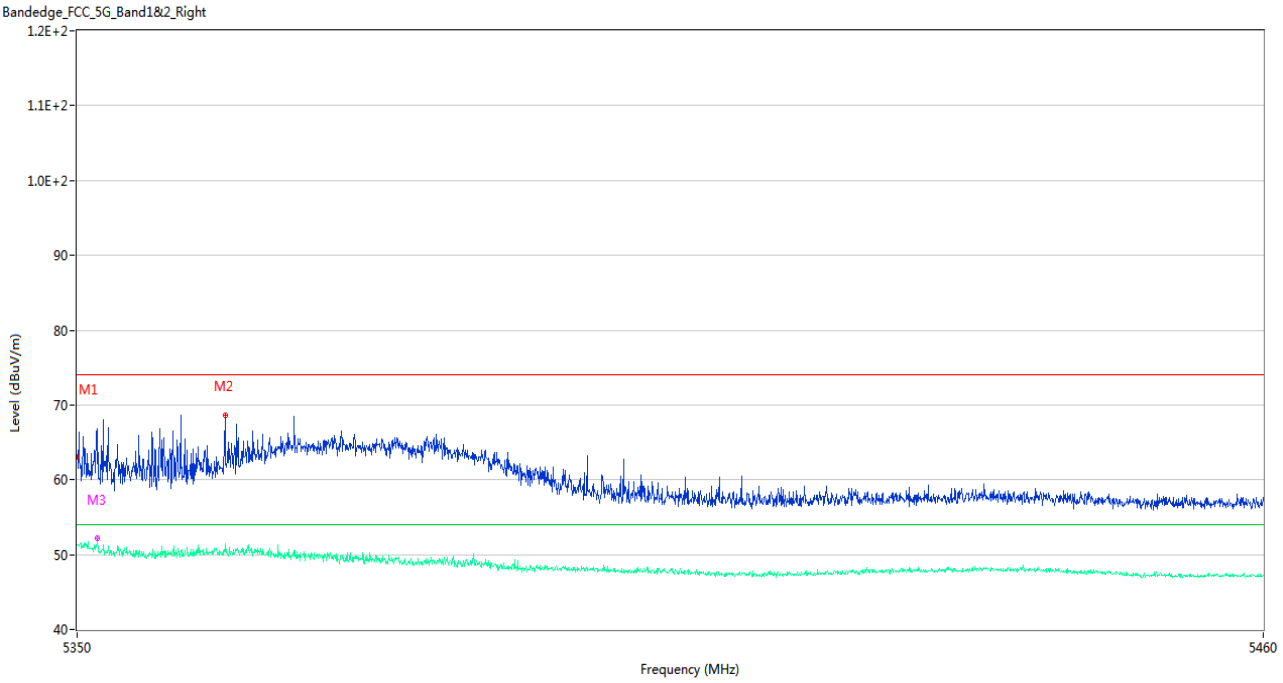
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.055	60.49	3.25	74.0	13.51	Peak	353.00	150	Vertical	Pass
1**	5350.055	49.20	3.25	54.0	4.80	AV	353.00	150	Vertical	Pass
2	5352.365	65.66	3.30	74.0	8.34	Peak	228.00	100	Vertical	Pass
2**	5352.365	48.41	3.30	54.0	5.59	AV	228.00	100	Vertical	Pass

U-NII-2A 11ac80 Middle Channel



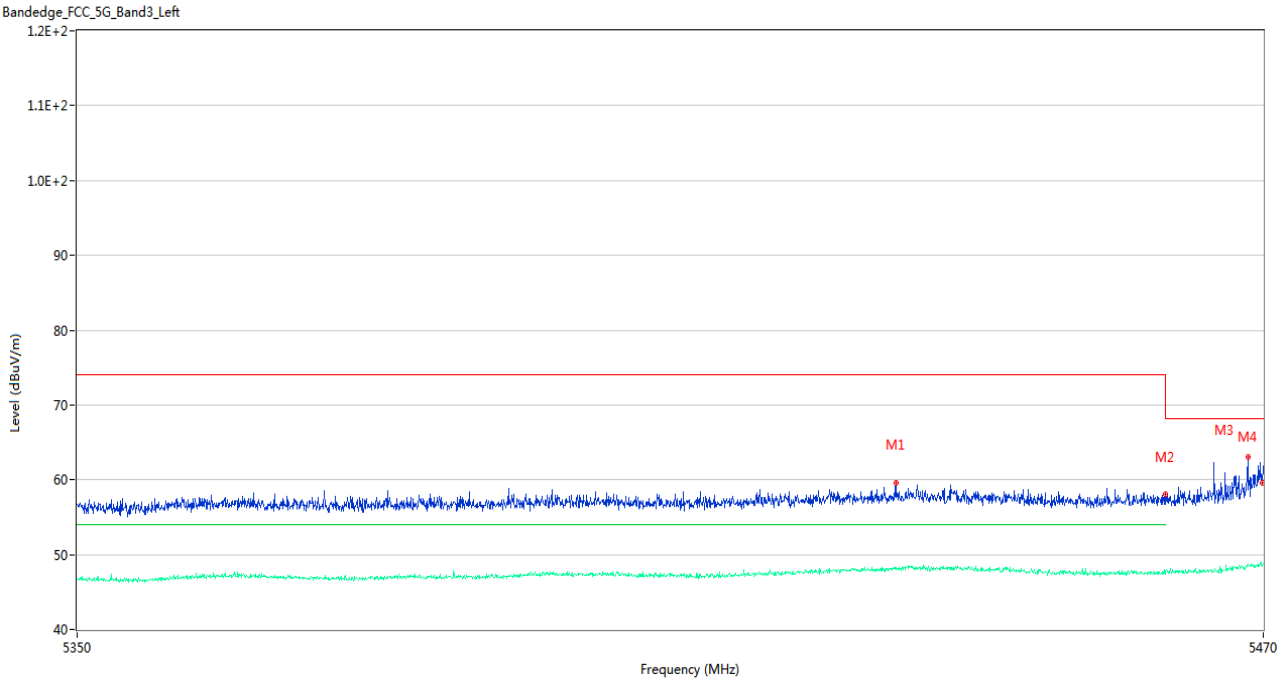
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5103.525	58.29	3.90	74.0	15.71	Peak	334.00	150	Vertical	Pass
1**	5103.525	46.88	3.90	54.0	7.12	AV	334.00	150	Vertical	Pass
2	5149.675	56.60	3.43	74.0	17.40	Peak	196.00	200	Vertical	Pass
2**	5149.675	46.99	3.43	54.0	7.01	AV	196.00	200	Vertical	Pass

U-NII-2A 11ac80 Middle Channel



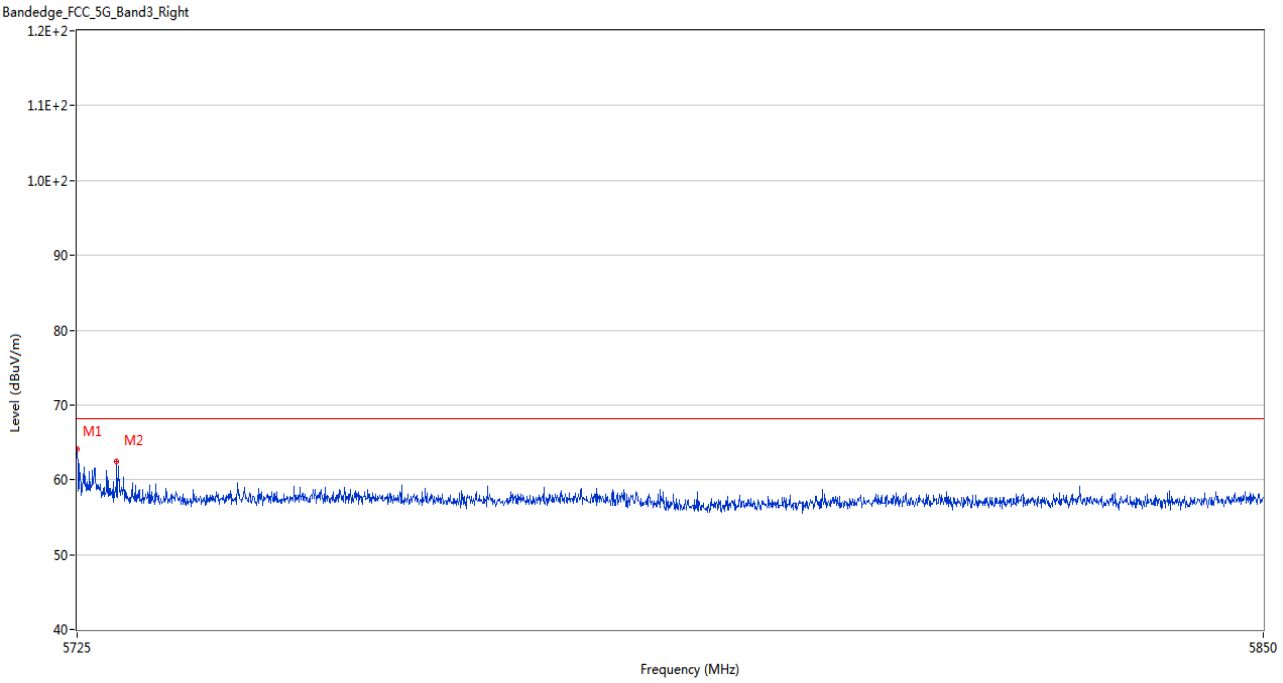
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5350.000	63.10	3.26	74.0	10.90	Peak	222.00	100	Vertical	Pass
1**	5350.000	51.35	3.26	54.0	2.65	AV	222.00	100	Vertical	Pass
2	5363.585	68.62	3.81	74.0	5.38	Peak	237.00	100	Vertical	Pass
2**	5363.585	50.34	3.81	54.0	3.66	AV	237.00	100	Vertical	Pass
3	5351.870	62.11	3.28	74.0	11.89	Peak	226.00	150	Vertical	Pass
3**	5351.870	52.26	3.28	54.0	1.74	AV	226.00	150	Vertical	Pass

U-NII-2C 11a Low Channel



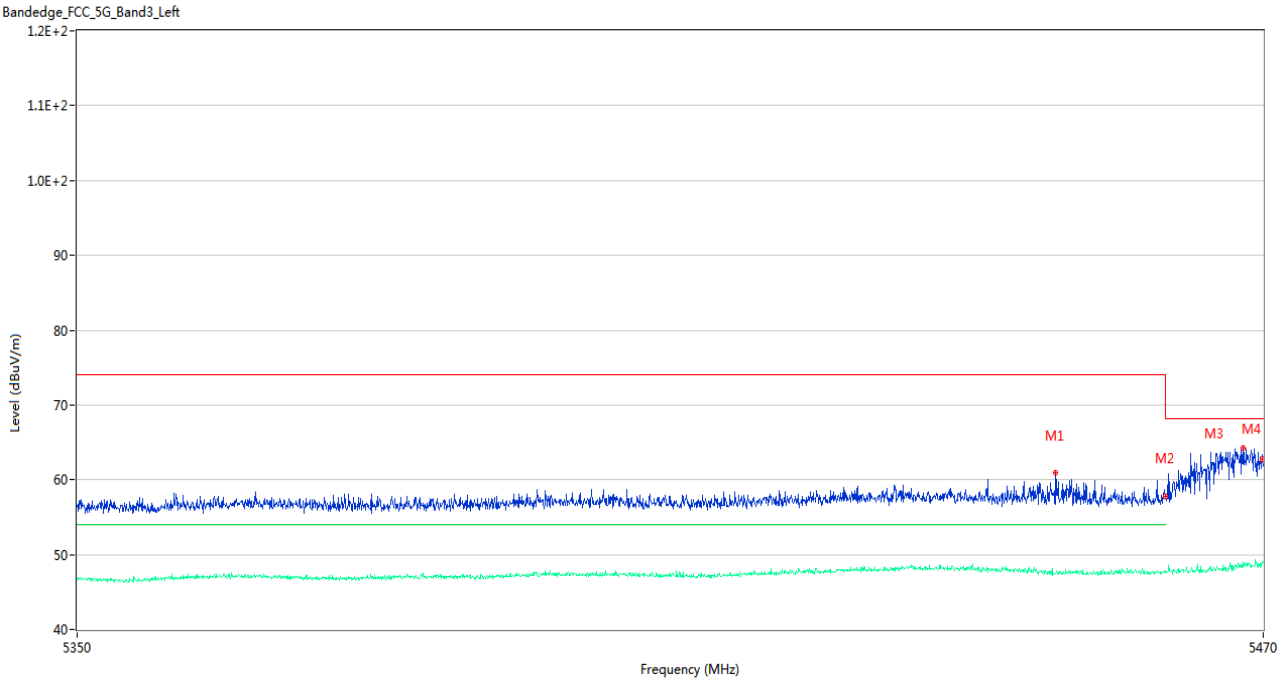
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5432.560	59.65	4.31	74.0	14.35	Peak	296.00	200	Vertical	Pass
1**	5432.560	48.34	4.31	54.0	5.66	AV	296.00	200	Vertical	Pass
2	5459.980	58.03	4.10	74.0	15.97	Peak	286.00	200	Vertical	Pass
2**	5459.980	47.44	4.10	54.0	6.56	AV	286.00	200	Vertical	Pass
3	5468.440	63.10	4.12	68.2	5.10	Peak	288.00	200	Vertical	Pass
3**	5468.440	48.51	4.12	--	--	AV	288.00	200	Vertical	N/A
4	5469.940	59.59	4.06	68.2	8.61	Peak	299.00	100	Vertical	Pass
4**	5469.940	48.40	4.06	--	--	AV	299.00	100	Vertical	N/A

U-NII-2C 11a High Channel



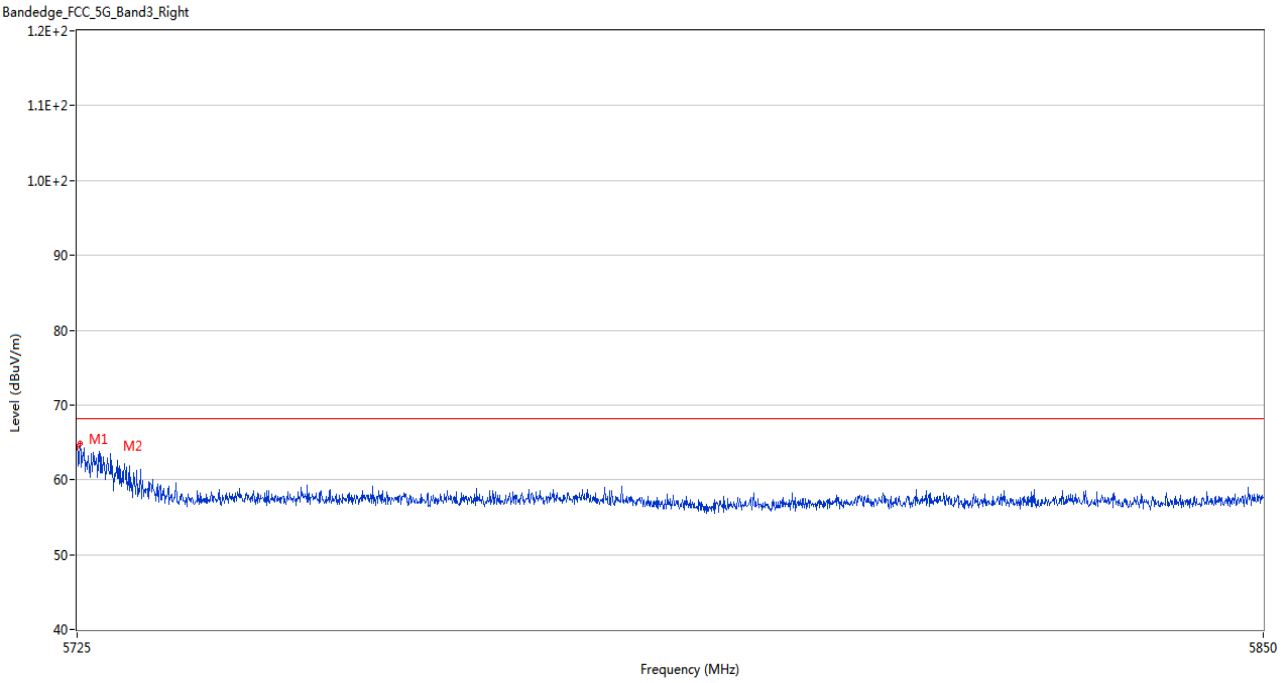
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	64.18	4.12	68.2	4.02	Peak	312.00	200	Vertical	Pass
2	5729.125	62.44	4.11	68.2	5.76	Peak	297.00	100	Vertical	Pass

U-NII-2C 11n20 Low Channel



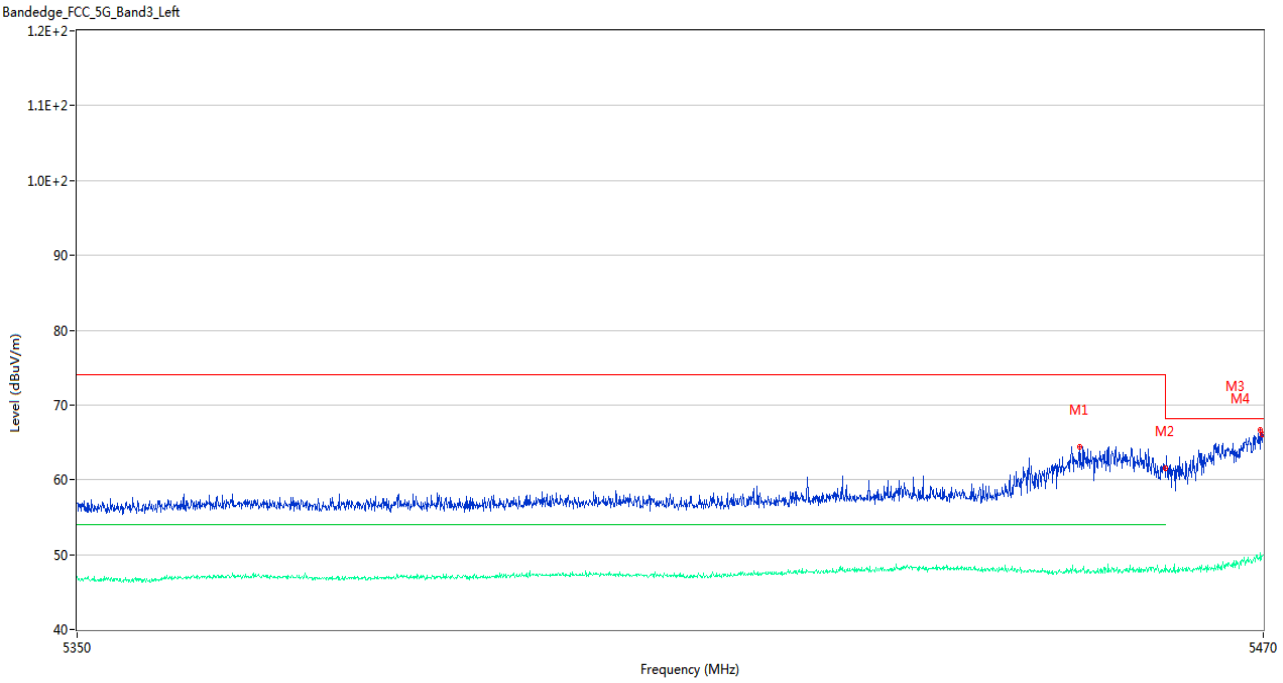
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5448.820	60.93	3.88	74.0	13.07	Peak	211.00	150	Vertical	Pass
1**	5448.820	47.50	3.88	54.0	6.50	AV	211.00	150	Vertical	Pass
2	5459.980	57.83	4.10	74.0	16.17	Peak	302.00	200	Vertical	Pass
2**	5459.980	47.76	4.10	54.0	6.24	AV	302.00	200	Vertical	Pass
3	5467.960	64.28	4.13	68.2	3.92	Peak	300.00	150	Vertical	Pass
3**	5467.960	48.45	4.13	--	--	AV	300.00	150	Vertical	N/A
4	5469.940	62.81	4.06	68.2	5.39	Peak	241.00	150	Vertical	Pass
4**	5469.940	48.96	4.06	--	--	AV	241.00	150	Vertical	N/A

U-NII-2C 11n20 High Channel



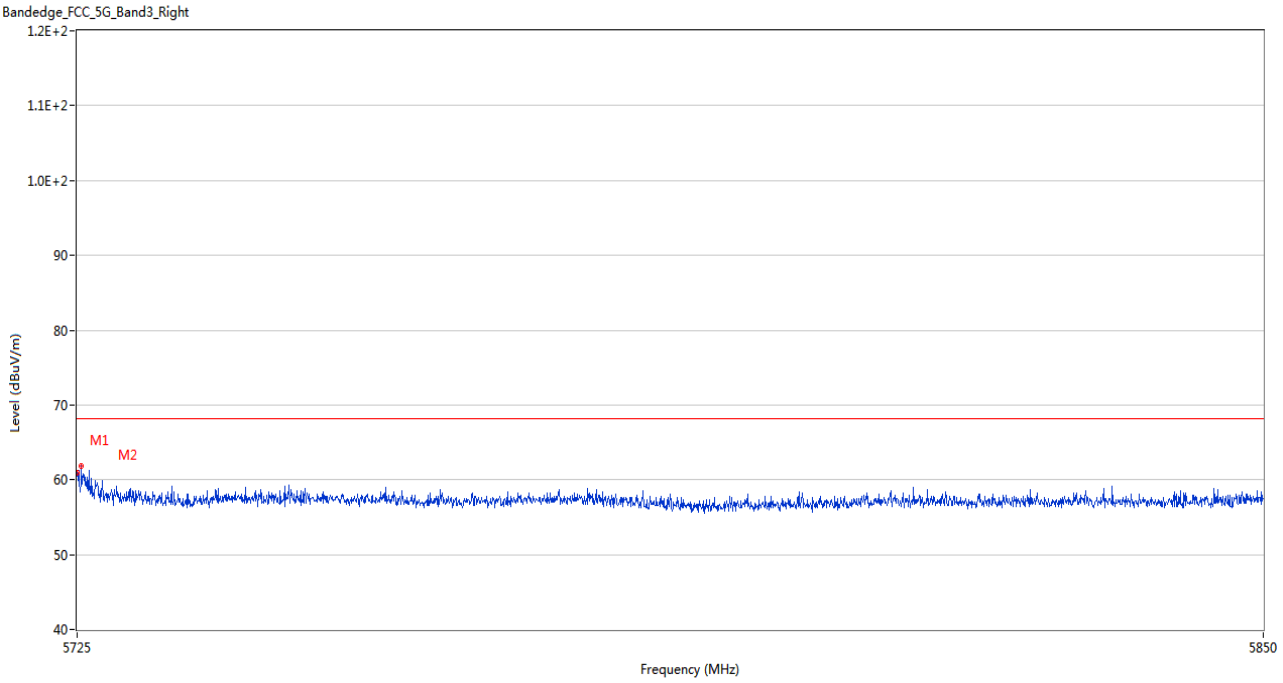
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	64.37	4.12	68.2	3.83	Peak	279.00	200	Vertical	Pass
2	5725.313	64.91	4.12	68.2	3.29	Peak	304.00	200	Vertical	Pass

U-NII-2C 11n40 Low Channel



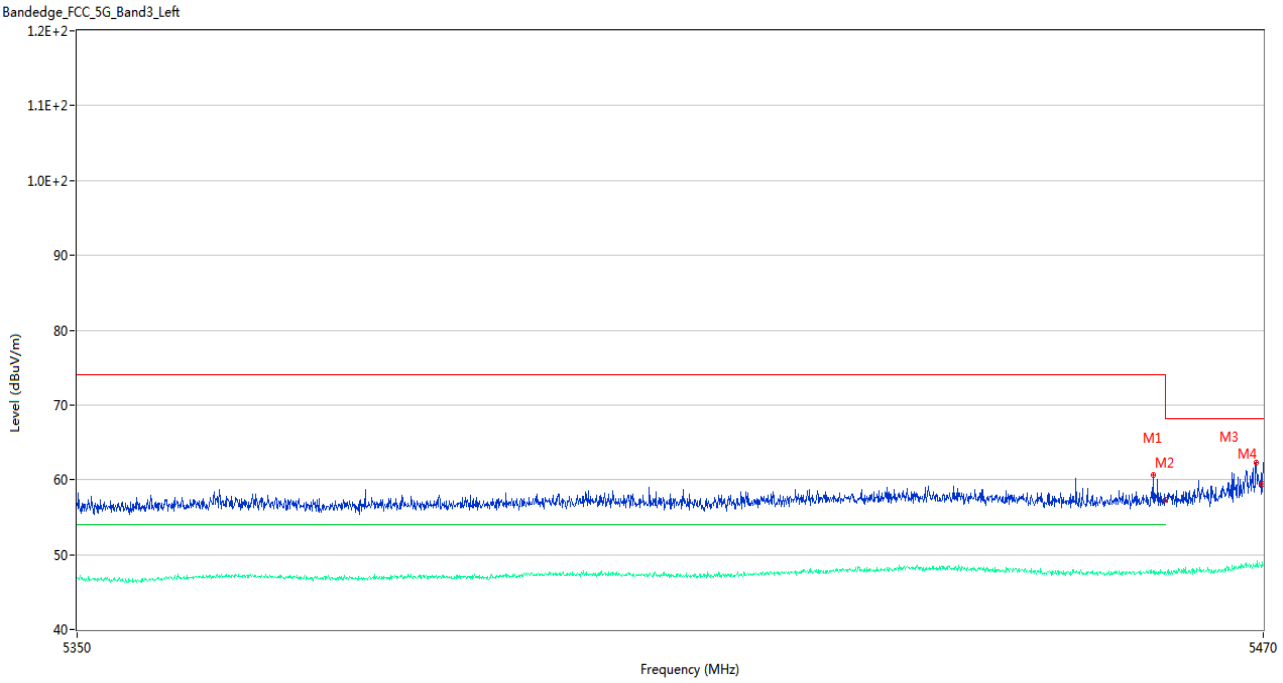
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5451.220	64.41	3.96	74.0	9.59	Peak	229.00	150	Vertical	Pass
1**	5451.220	47.86	3.96	54.0	6.14	AV	229.00	150	Vertical	Pass
2	5459.980	61.56	4.10	74.0	12.44	Peak	229.00	100	Vertical	Pass
2**	5459.980	47.71	4.10	54.0	6.29	AV	229.00	100	Vertical	Pass
3	5469.640	66.67	4.07	68.2	1.53	Peak	220.00	100	Vertical	Pass
3**	5469.640	49.23	4.07	--	--	AV	220.00	100	Vertical	N/A
4	5469.940	66.11	4.06	68.2	2.09	Peak	239.00	200	Vertical	Pass
4**	5469.940	49.82	4.06	--	--	AV	239.00	200	Vertical	N/A

U-NII-2C 11n40 High Channel



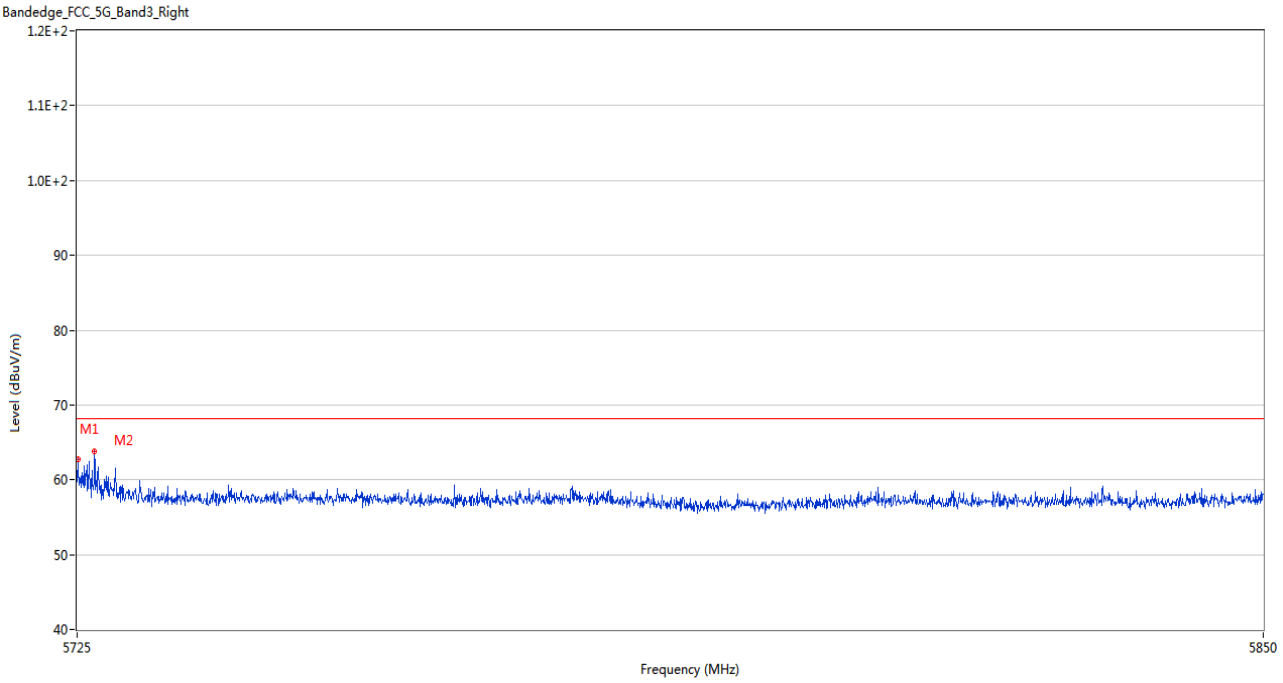
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	61.00	4.12	68.2	7.20	Peak	307.00	100	Vertical	Pass
2	5725.437	61.79	4.12	68.2	6.41	Peak	316.00	100	Vertical	Pass

U-NII-2C 11ac20 Low Channel



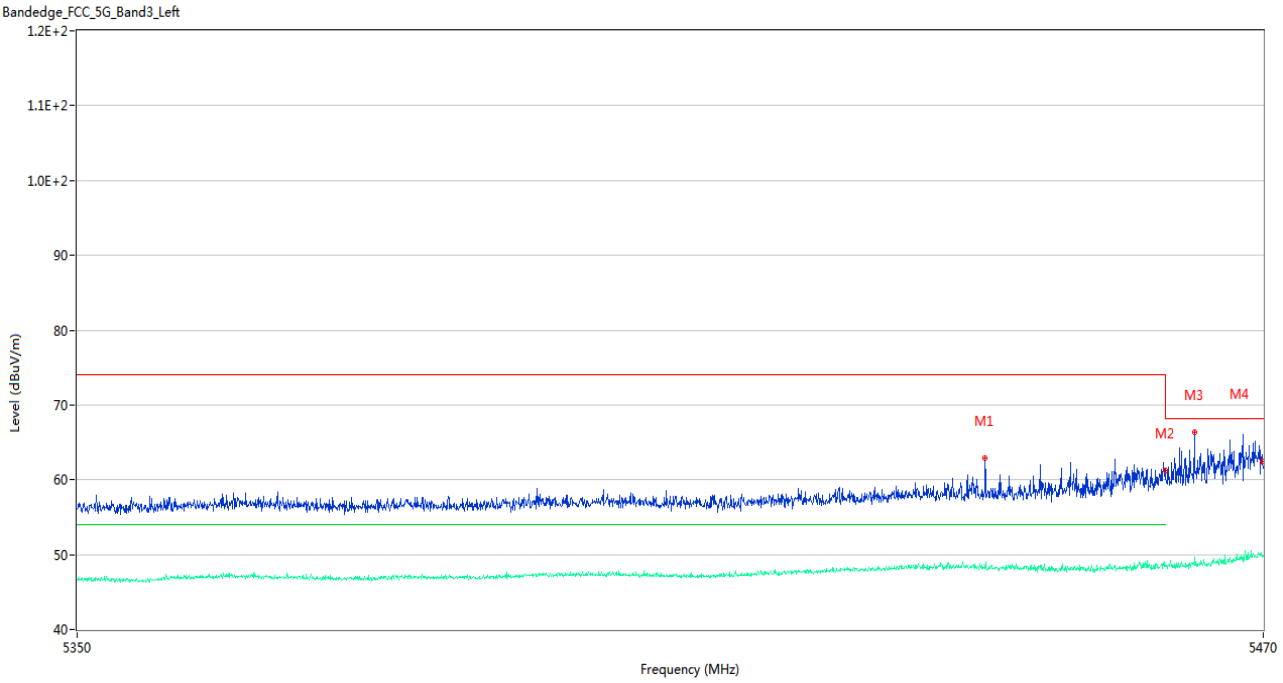
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5458.720	60.64	4.08	74.0	13.36	Peak	217.00	200	Vertical	Pass
1**	5458.720	47.82	4.08	54.0	6.18	AV	217.00	200	Vertical	Pass
2	5459.980	57.31	4.10	74.0	16.69	Peak	272.00	200	Vertical	Pass
2**	5459.980	47.63	4.10	54.0	6.37	AV	272.00	200	Vertical	Pass
3	5469.280	62.23	4.08	68.2	5.97	Peak	232.00	150	Vertical	Pass
3**	5469.280	48.49	4.08	--	--	AV	232.00	150	Vertical	N/A
4	5469.940	59.40	4.06	68.2	8.80	Peak	220.00	150	Vertical	Pass
4**	5469.940	48.48	4.06	--	--	AV	220.00	150	Vertical	N/A

U-NII-2C 11ac20 High Channel



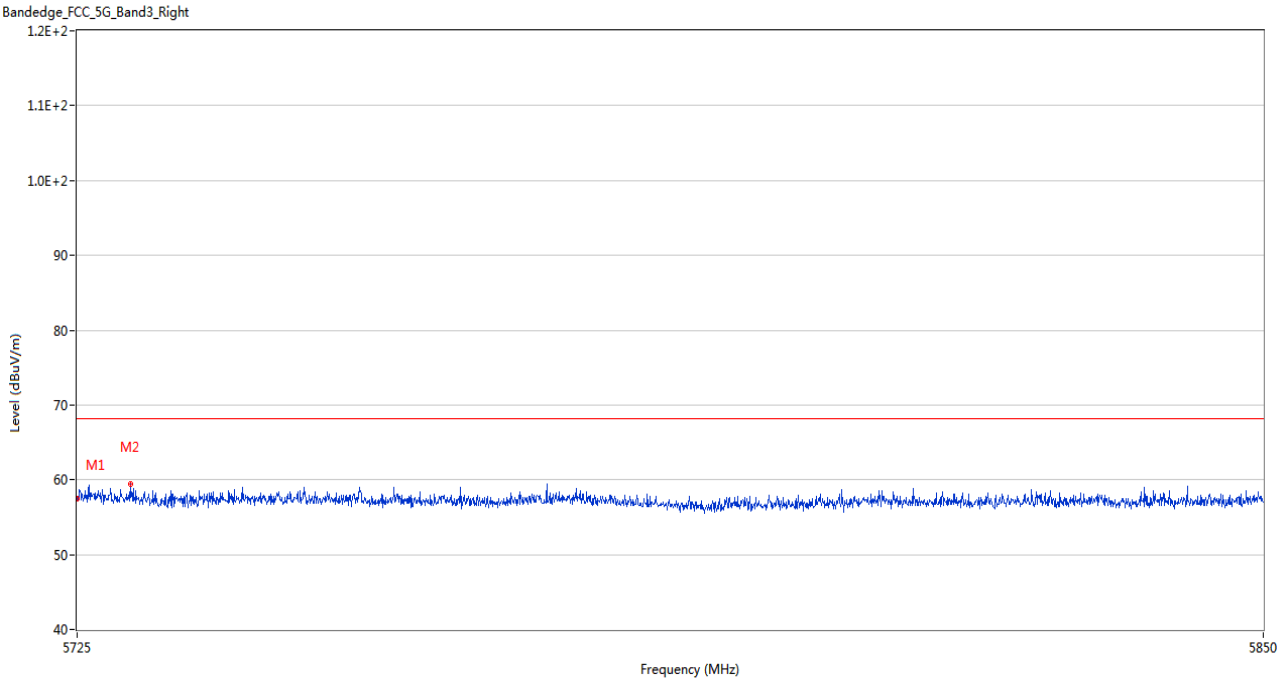
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.063	62.69	4.12	68.2	5.51	Peak	331.00	100	Vertical	Pass
2	5726.813	63.86	4.12	68.2	4.34	Peak	300.00	100	Vertical	Pass

U-NII-2C 11ac40 Low Channel



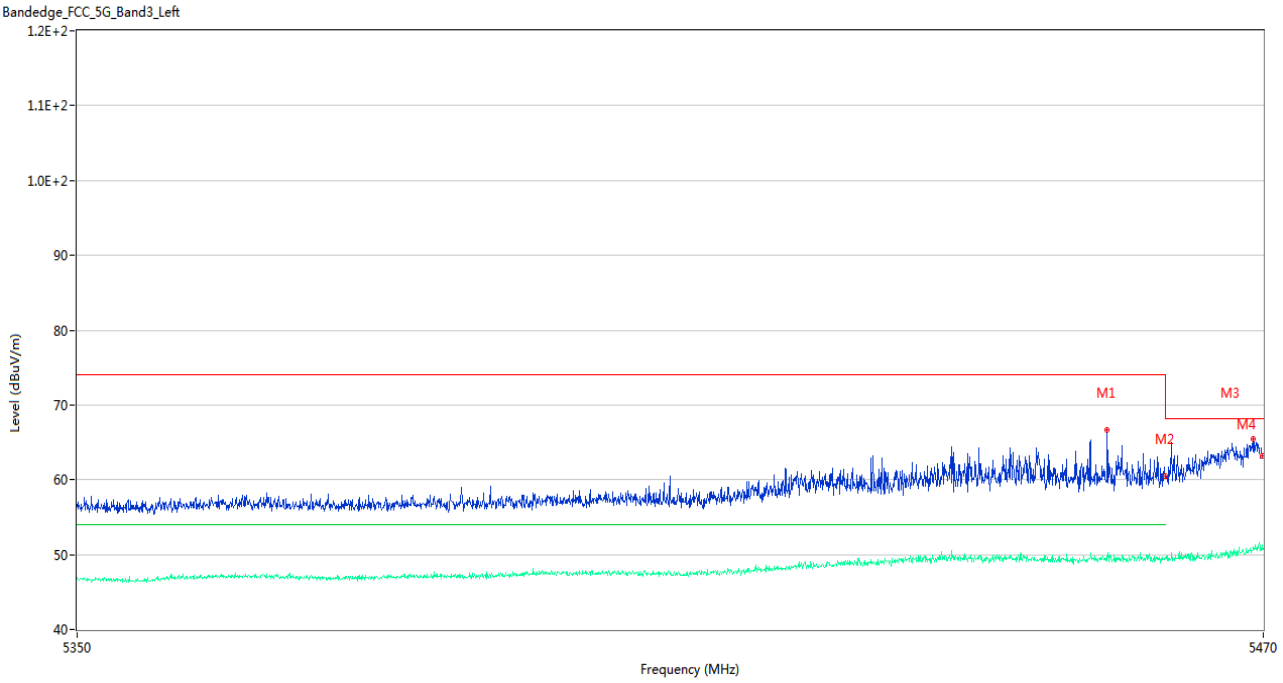
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5441.620	62.94	4.27	74.0	11.06	Peak	220.00	200	Vertical	Pass
1**	5441.620	48.17	4.27	54.0	5.83	AV	220.00	200	Vertical	Pass
2	5459.980	61.28	4.10	74.0	12.72	Peak	220.00	200	Vertical	Pass
2**	5459.980	48.45	4.10	54.0	5.55	AV	220.00	200	Vertical	Pass
3	5462.980	66.36	4.10	68.2	1.84	Peak	222.00	100	Vertical	Pass
3**	5462.980	48.66	4.10	--	--	AV	222.00	100	Vertical	N/A
4	5469.940	62.48	4.06	68.2	5.72	Peak	226.00	100	Vertical	Pass
4**	5469.940	49.67	4.06	--	--	AV	226.00	100	Vertical	N/A

U-NII-2C 11ac40 High Channel



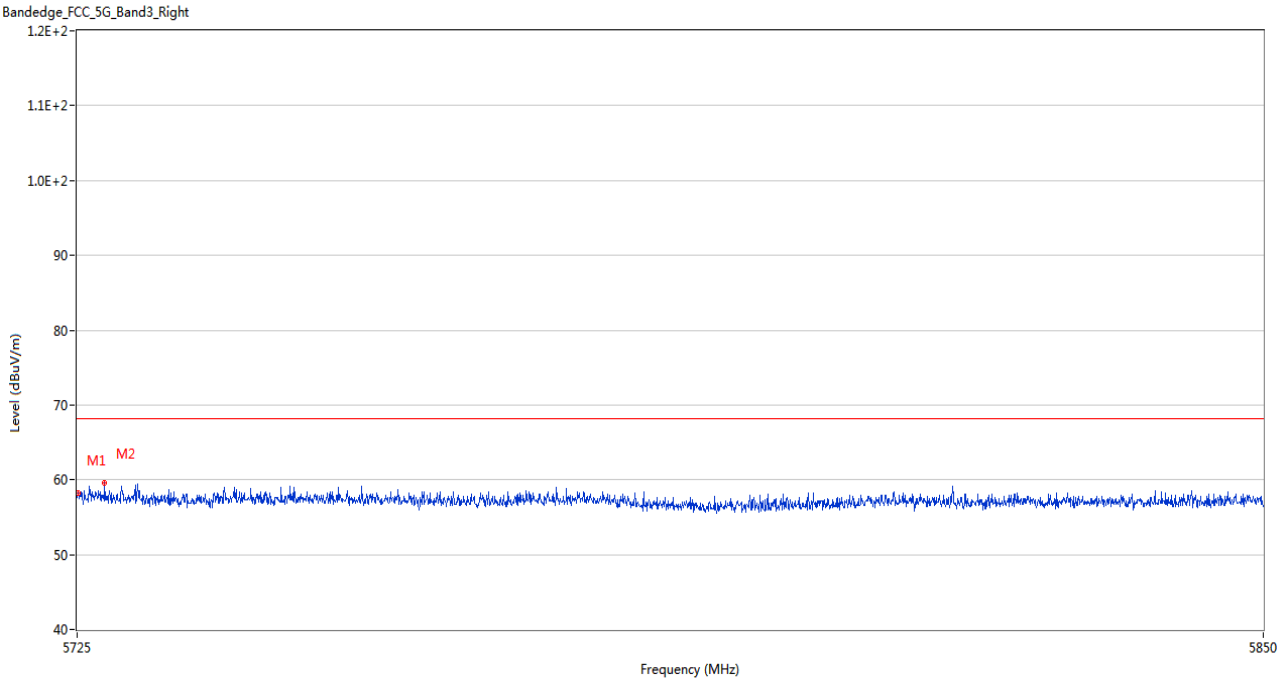
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.000	57.44	4.12	68.2	10.76	Peak	265.00	100	Vertical	Pass
2	5730.563	59.46	4.05	68.2	8.74	Peak	44.00	100	Vertical	Pass

U-NII-2C 11ac80 Low Channel



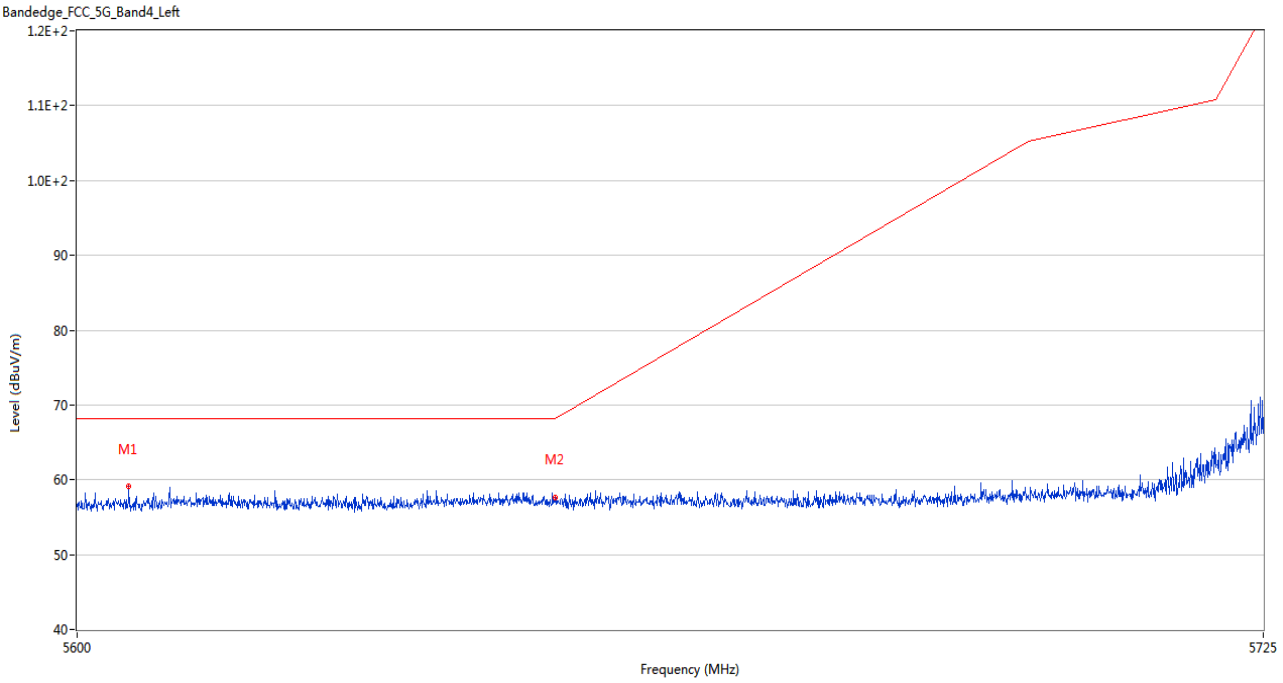
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5454.040	66.69	3.98	74.0	7.31	Peak	227.00	150	Vertical	Pass
1**	5454.040	49.25	3.98	54.0	4.75	AV	227.00	150	Vertical	Pass
2	5459.980	60.46	4.10	74.0	13.54	Peak	234.00	200	Vertical	Pass
2**	5459.980	49.51	4.10	54.0	4.49	AV	234.00	200	Vertical	Pass
3	5468.920	65.40	4.10	68.2	2.80	Peak	291.00	150	Vertical	Pass
3**	5468.920	50.65	4.10	--	--	AV	291.00	150	Vertical	N/A
4	5469.940	63.18	4.06	68.2	5.02	Peak	294.00	150	Vertical	Pass
4**	5469.940	51.28	4.06	--	--	AV	294.00	150	Vertical	N/A

U-NII-2C 11ac80 High Channel



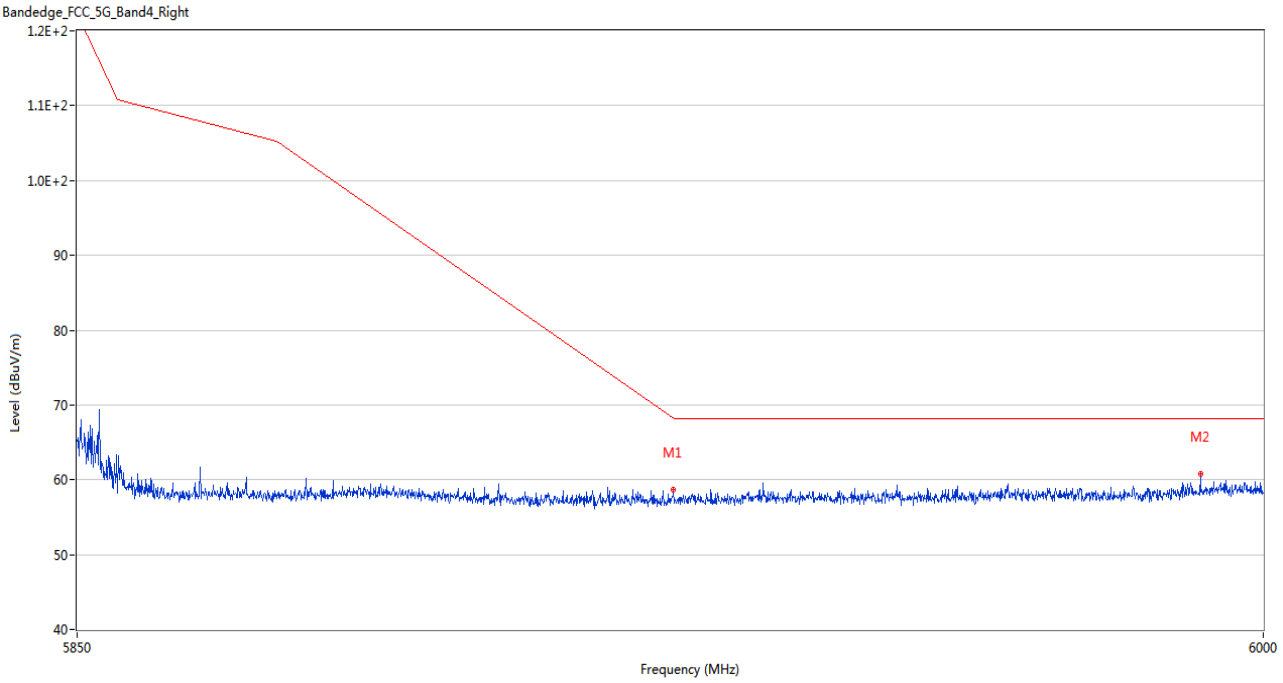
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5725.063	58.25	4.12	68.2	9.95	Peak	319.00	200	Vertical	Pass
2	5727.875	59.65	4.12	68.2	8.55	Peak	314.00	200	Vertical	Pass

U-NII-3 11a Low Channel



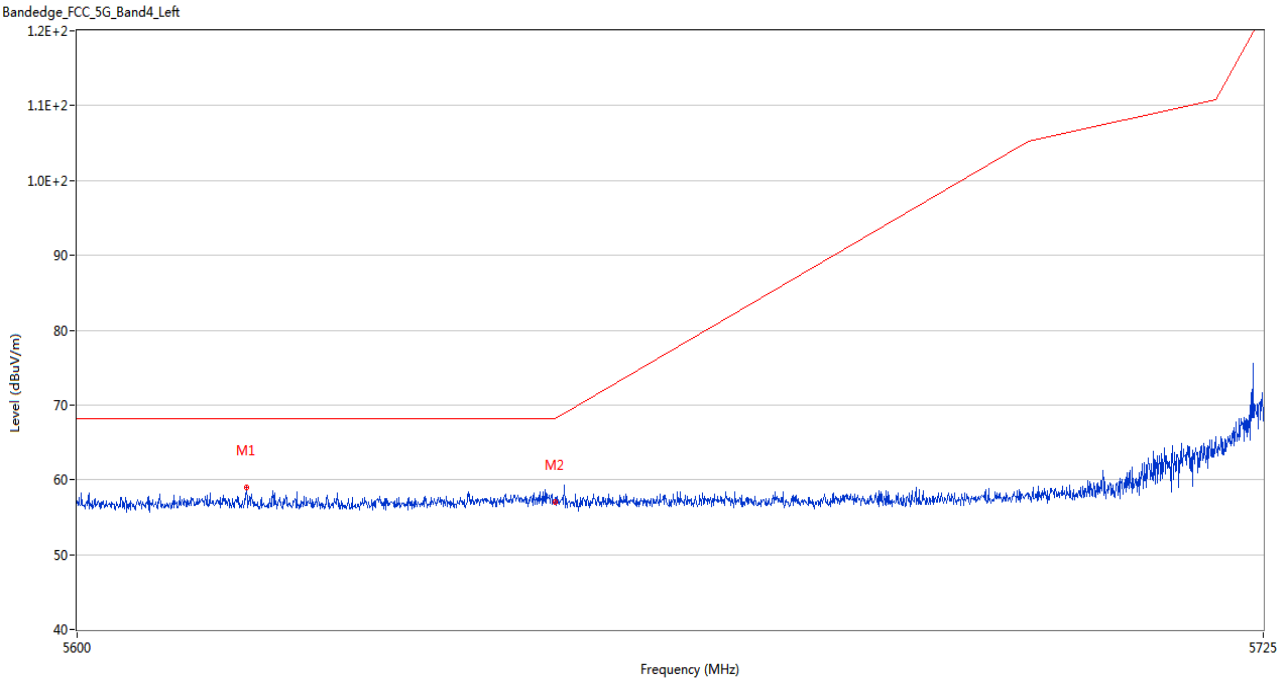
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5605.375	59.13	3.59	68.2	9.07	Peak	238.00	200	Vertical	Pass
2	5650.000	57.69	3.83	68.2	10.51	Peak	227.00	100	Vertical	Pass

U-NII-3 11a High Channel



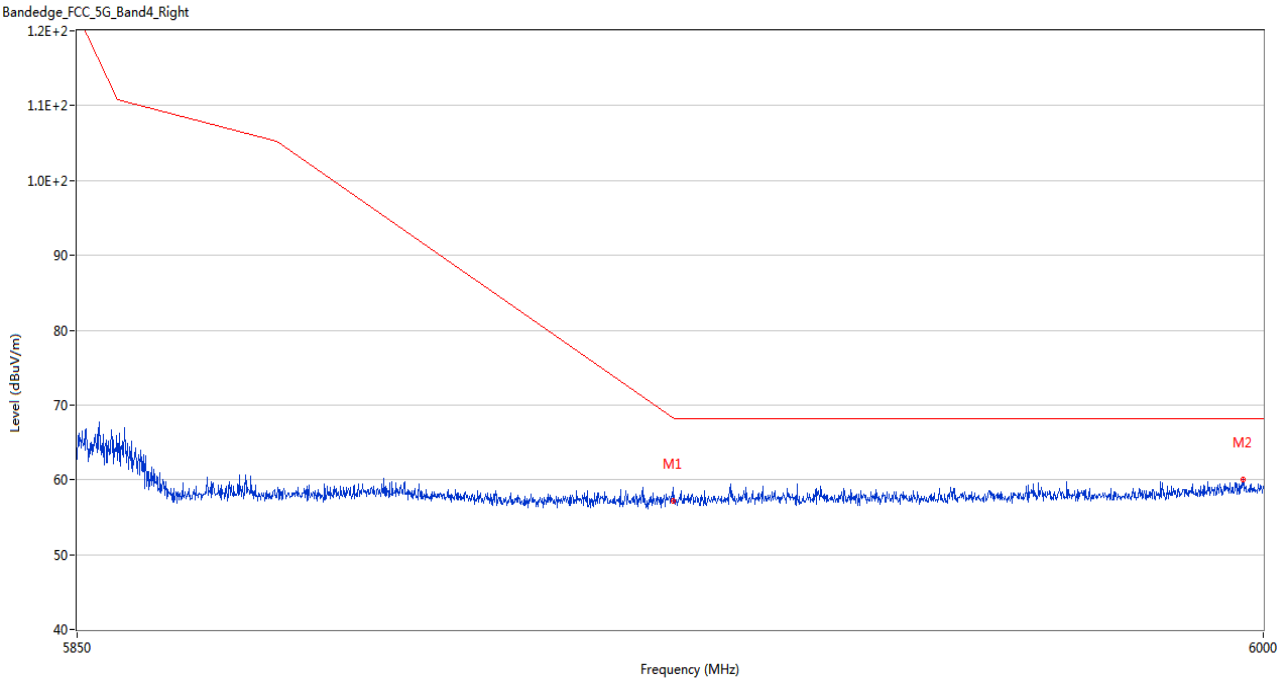
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.925	58.68	3.64	68.3	9.62	Peak	142.00	200	Vertical	Pass
2	5991.975	60.81	5.24	68.2	7.39	Peak	348.00	200	Vertical	Pass

U-NII-3 11n20 Low Channel



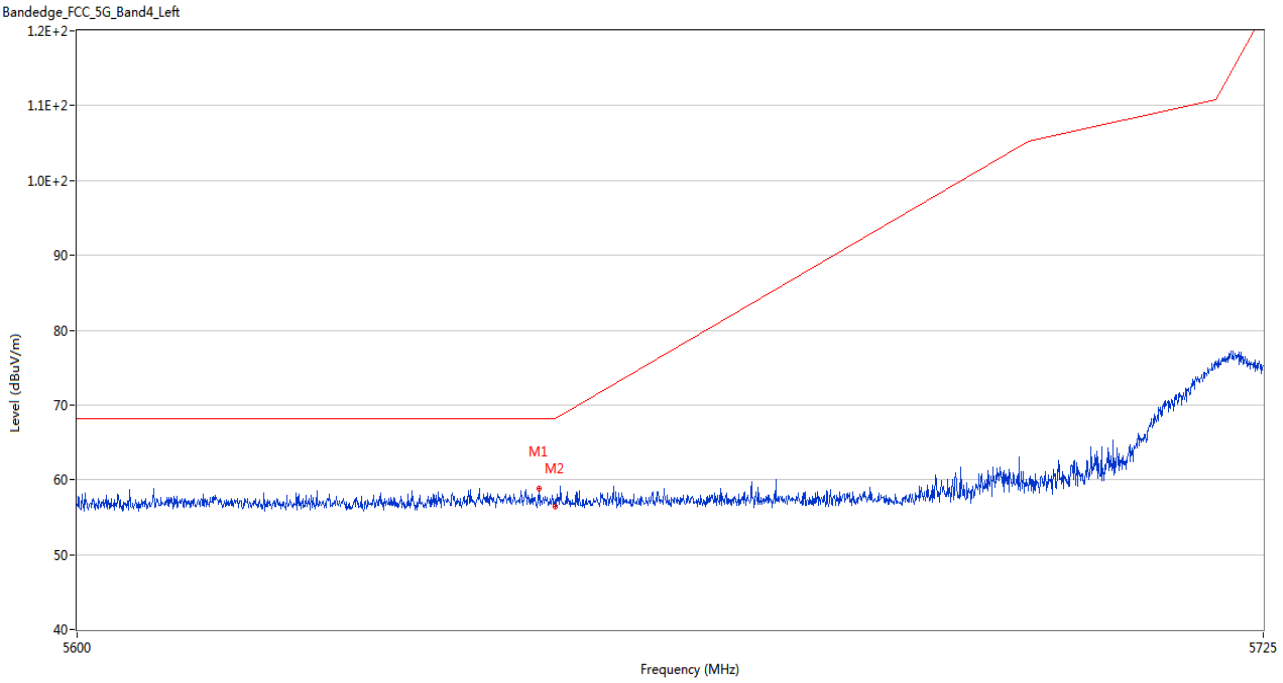
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5617.688	58.92	3.53	68.2	9.28	Peak	356.00	200	Vertical	Pass
2	5650.000	56.98	3.83	68.2	11.22	Peak	0.00	150	Vertical	Pass

U-NII-3 11n20 High Channel



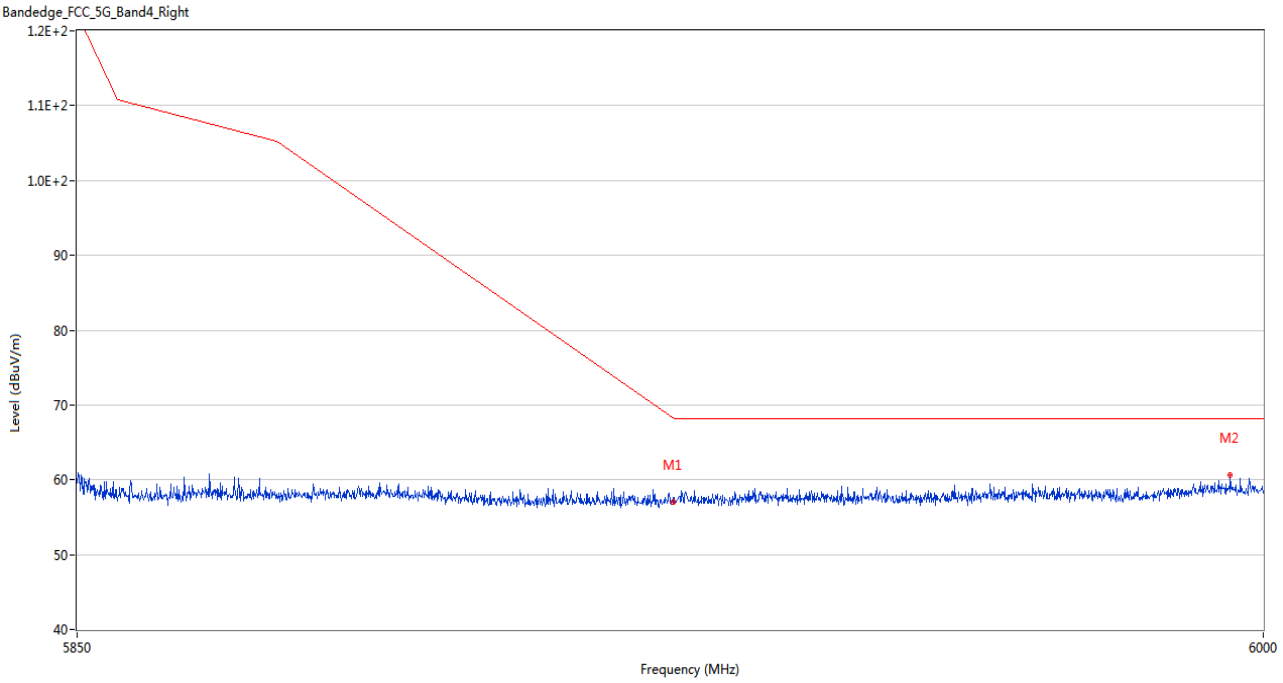
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.925	57.20	3.64	68.3	11.10	Peak	315.00	100	Vertical	Pass
2	5997.375	60.03	5.70	68.2	8.17	Peak	53.00	100	Vertical	Pass

U-NII-3 11n40 Low Channel



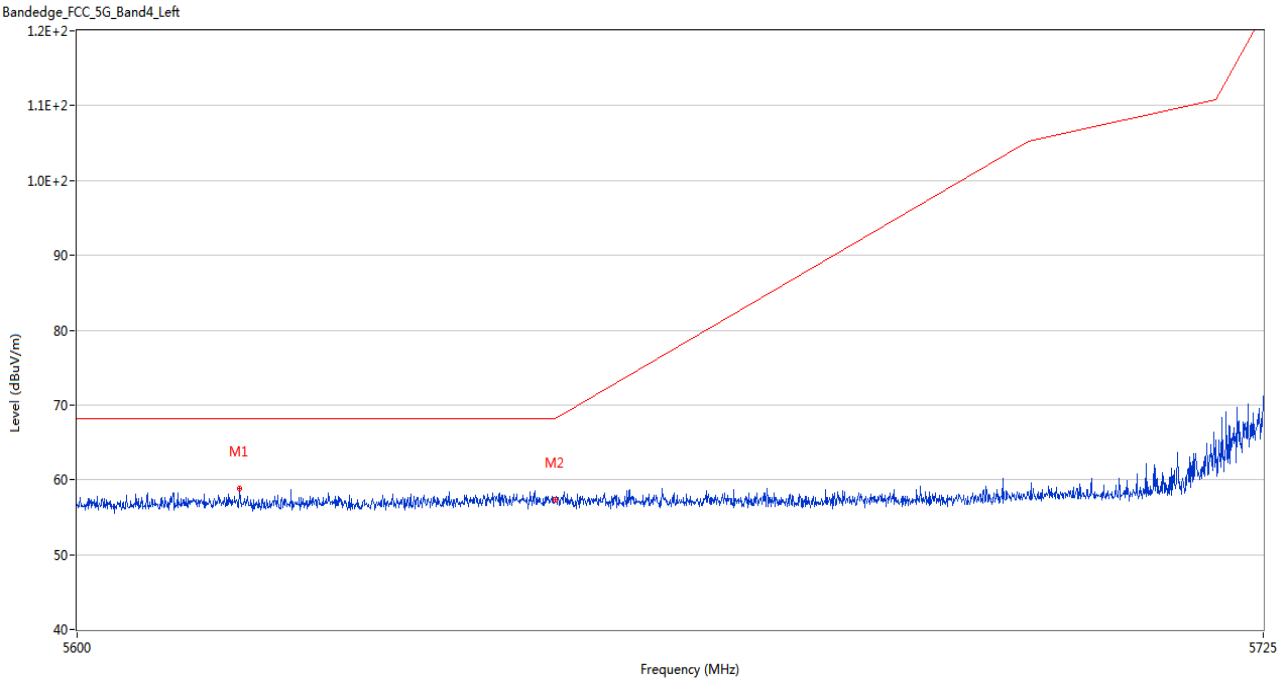
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5648.312	58.80	3.80	68.2	9.40	Peak	260.00	100	Vertical	Pass
2	5650.000	56.48	3.83	68.2	11.72	Peak	154.00	200	Vertical	Pass

U-NII-3 11n40 High Channel



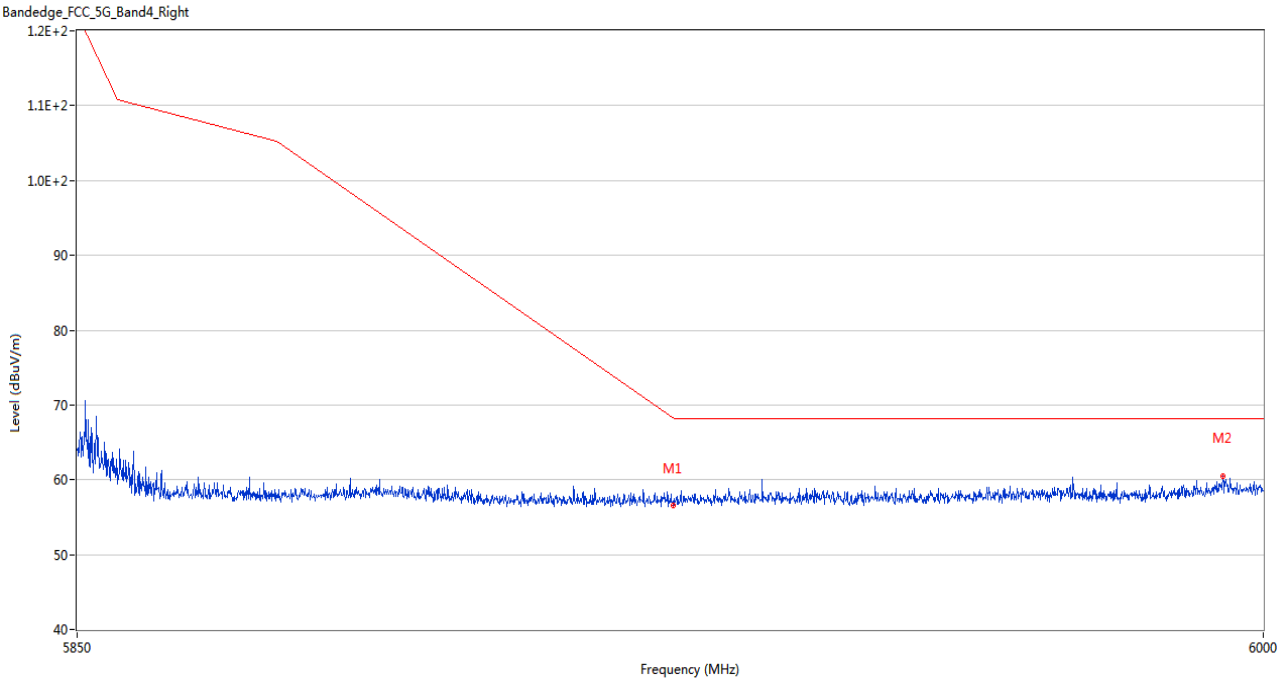
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.925	57.01	3.64	68.3	11.29	Peak	355.00	100	Vertical	Pass
2	5995.800	60.58	5.68	68.2	7.62	Peak	146.00	100	Vertical	Pass

U-NII-3 11ac20 Low Channel



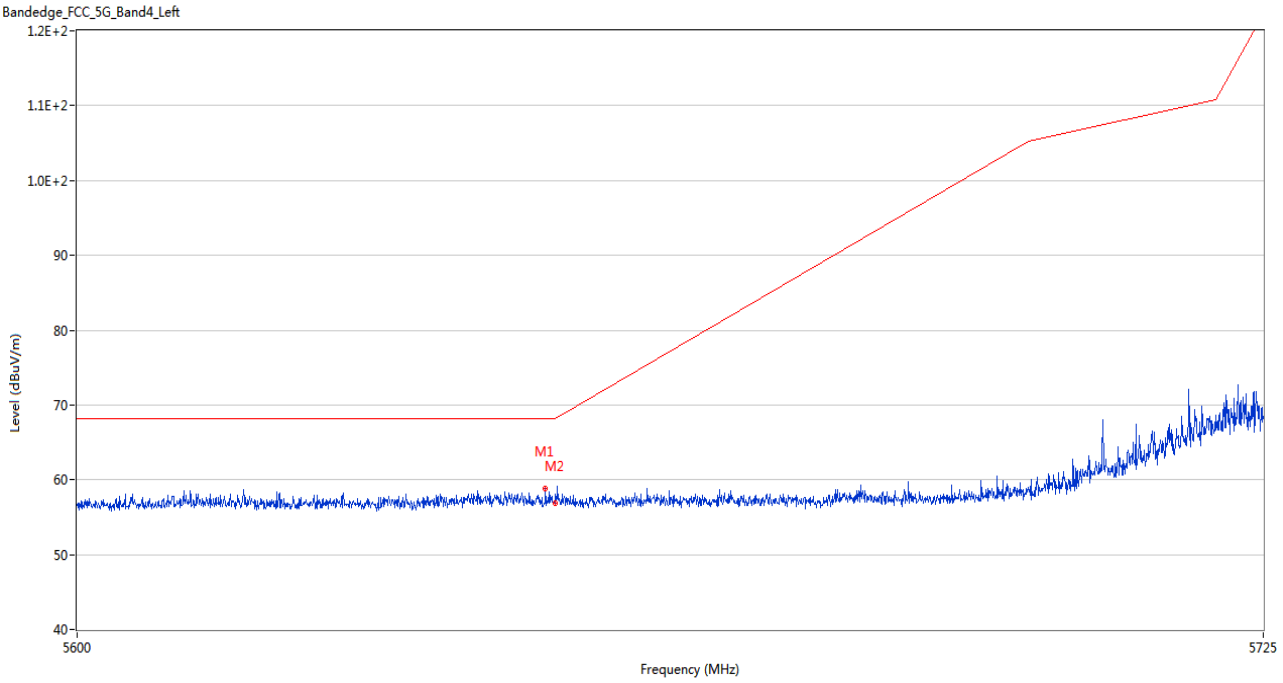
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5617.000	58.78	3.65	68.2	9.42	Peak	324.00	200	Vertical	Pass
2	5650.000	57.28	3.83	68.2	10.92	Peak	239.00	150	Vertical	Pass

U-NII-3 11ac20 High Channel



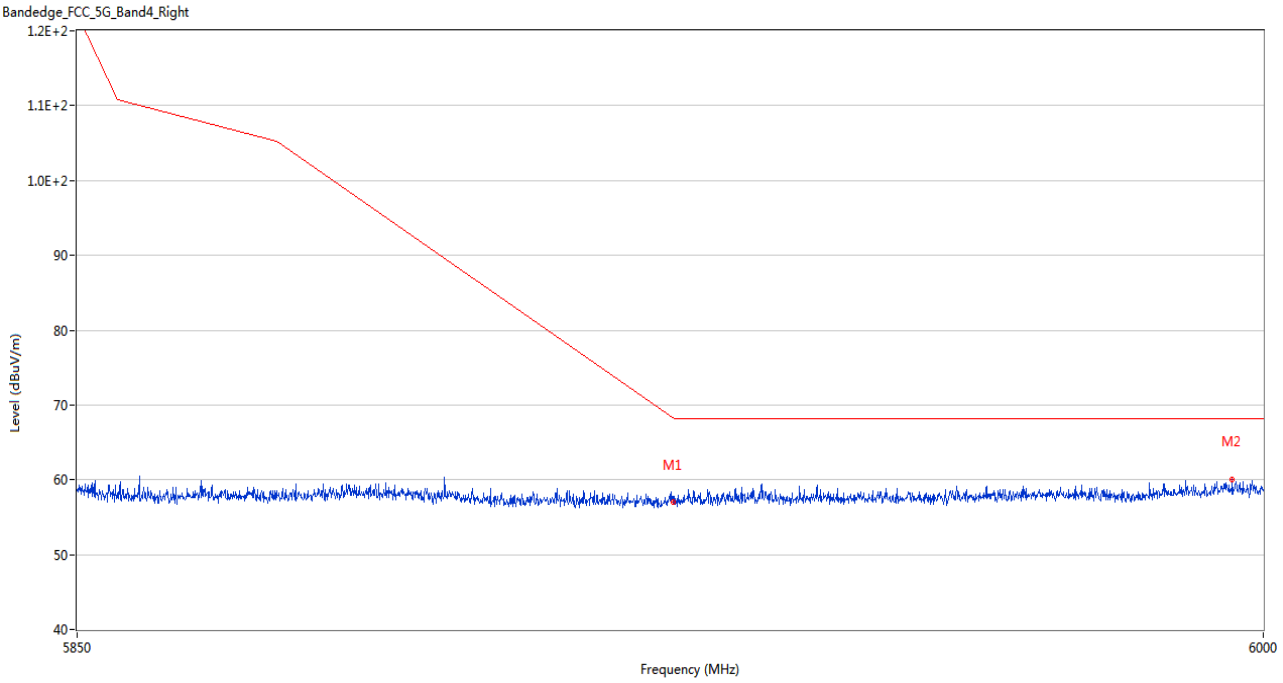
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.925	56.53	3.64	68.3	11.77	Peak	64.00	100	Vertical	Pass
2	5994.825	60.55	5.69	68.2	7.65	Peak	4.00	150	Vertical	Pass

U-NII-3 11ac40 Low Channel



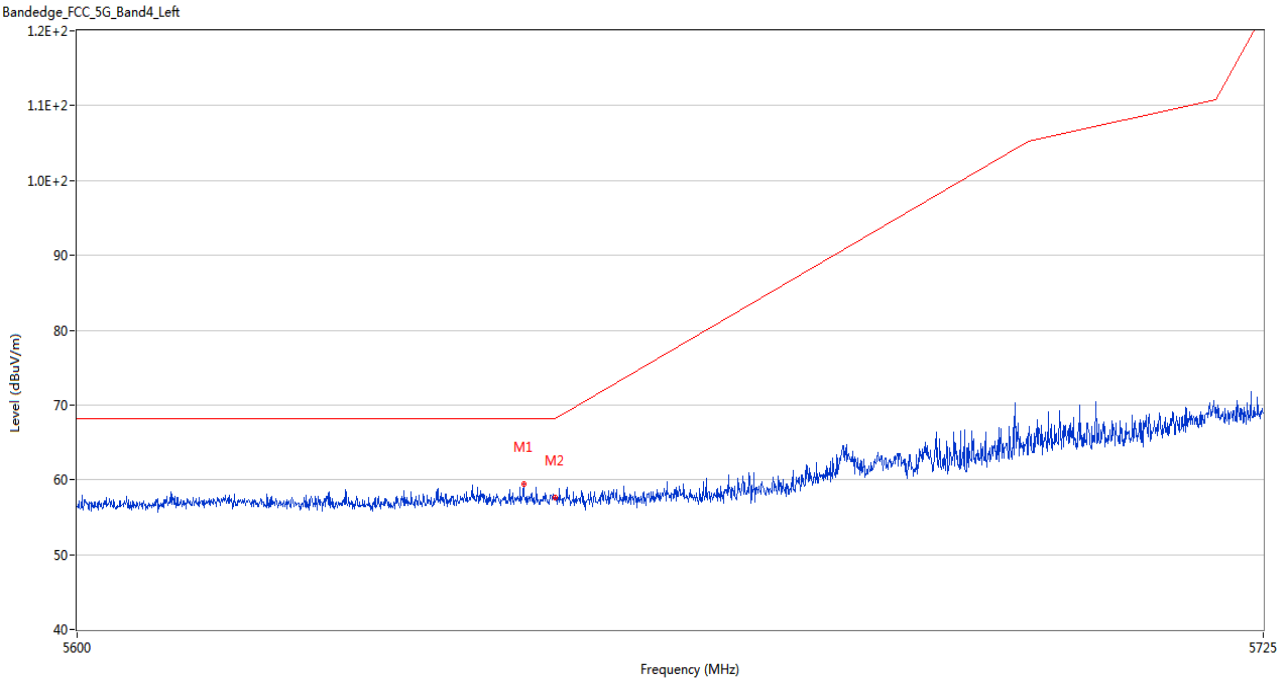
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5649.000	58.76	3.81	68.2	9.44	Peak	311.00	200	Vertical	Pass
2	5650.000	56.89	3.83	68.2	11.31	Peak	239.00	100	Vertical	Pass

U-NII-3 11ac40 High Channel



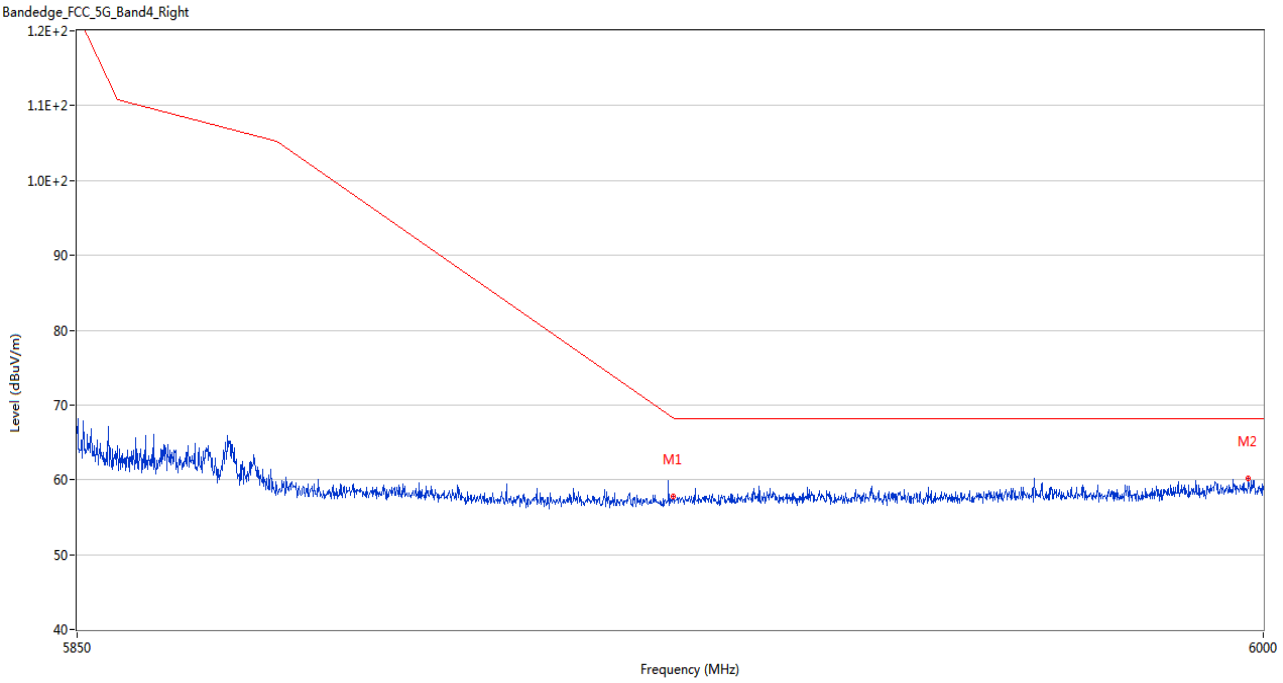
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.925	56.97	3.64	68.3	11.33	Peak	200.00	100	Vertical	Pass
2	5996.025	60.10	5.67	68.2	8.10	Peak	174.00	200	Vertical	Pass

U-NII-3 11ac80 Middle Channel



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5646.750	59.48	3.91	68.2	8.72	Peak	271.00	100	Vertical	Pass
2	5650.000	57.60	3.83	68.2	10.60	Peak	285.00	100	Vertical	Pass

U-NII-3 11ac80 Middle Channel



No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	5924.925	57.72	3.64	68.3	10.58	Peak	18.00	150	Vertical	Pass
2	5998.125	60.18	5.76	68.2	8.02	Peak	6.00	150	Vertical	Pass

ANNEX B TEST SETUP PHOTOS

Please refer the document “BL-SZ23B0384-AR.PDF”.

ANNEX C EUT EXTERNAL PHOTOS

Please refer the document “BL-SZ23B0384-AW.PDF”.

ANNEX D EUT INTERNAL PHOTOS

Please refer the document “BL-SZ23B0384-AI.PDF”.

Statement

1. The laboratory guarantees the scientificity, accuracy and impartiality of the test, and is responsible for all the information in the report, except the information provided by the customer. The customer is responsible for the impact of the information provided on the validity of the results.
2. The report without China inspection body and laboratory Mandatory Approval (CMA) mark has no effect of proving to the society.
3. For the report with CNAS mark or A2LA mark, the items marked with "☆" are not within the accredited scope.
4. This report is invalid if it is altered, without the signature of the testing and approval personnel, or without the “inspection and testing dedicated stamp” or test report stamp.
5. The test data and results are only valid for the tested samples provided by the customer.
6. This report shall not be partially reproduced without the written permission of the laboratory.
7. Any objection shall be raised to the laboratory within 30 days after receiving the report.

--END OF REPORT--